

NORTHWEST ARCTIC SUBAREA CONTINGENCY PLAN

RESOURCES SECTION

PART ONE	COMMUNITY PROFILES.....	B-1
PART TWO	EQUIPMENT	B-69
	A. Vessels.....	B-71
	B. Boom.....	B-72
	C. Skimmers.....	B-73
	D. Other Equipment	B-74
	E. Alaska Chadux Corporation Inventory	B-75
PART THREE	INFORMATION DIRECTORY	B-81
	A. Airports and Air Services	B-81
	B. Bird and Wildlife Rescue	B-84
	C. Contractors: BOA and Term.....	B-86
	D. Not Used.....	
	E. Emergency Services/Managers.....	B-87
	F. Fishing Fleets and Organizations.....	B-88
	G. Government Contacts & Information	B-89
	H. Hospitals.....	B-90
	I. Intake Water Use Facilities.....	B-91
	J. Not Used.....	
	K. Not Used.....	
	L. Laboratories.....	B-91
	M. Media.....	B-92
	N. Native Organizations and Federally-Recognized Tribes.....	B-94
	O. Organizations: Environmental, Health, Volunteer.....	B-96
	P. Port Authorities, Harbor Masters, and Marine Pilots.....	B-97
	Q. Not Used.....	
	R. Response Agreements	B-98
	S. Salvage and Towing Companies	B-99
	T. Trustees: Natural Resource.....	B-100
	U. Not Used.....	
	V. Vehicles.....	B-103
	W. Weather Service	B-104
	WWW. Useful Websites	B-105
PART FOUR	LOGISTICS.....	B-107
	A. Equipment Considerations.....	B-107
	B. Personnel Considerations	B-108
	C. Communications.....	B-109
	D. Command Posts.....	B-112
	E. Storage/Disposal.....	B-113
Table 1	Communications Assets	B-114

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RESOURCES: PART ONE – COMMUNITY PROFILES

The following information was extracted primarily from the Alaska Department of Community and Economic Development **Community Information Summaries** and *The Alaska Wilderness Milepost* (7th Edition, 1993). It is provided as a quick reference to some types of available services. For complete and current information on specific communities within the subarea, visit the Alaska Department of Community and Economic Development's website on the Internet at:

http://www.dced.state.ak.us/mra/CF_COMDB.htm

A. REGIONAL ORGANIZATIONS

The Northwest Arctic Subarea encompasses the Northwest Arctic Borough and the area to the south that is not within a borough but is part of the Bering Straits Native Corporation. Regional organizations exist for both areas. Listed below are the regional organizations for the borough and for the unorganized area.

1. Borough regional organizations:

Borough - Northwest Arctic Borough, P.O. Box 1110, Kotzebue, AK 99752

Phone 907-442-2500, Fax 907-442-2930, e-mail: nabcclerk@ptialaska.net

Regional Native Corp. - NANA Regional Corporation, 1001 East Benson Blvd., Anchorage, AK 99508

Phone 907-265-4100, Fax 907-265-4311, Web: <http://www.nana-online.com/intro.htm>

School District - Northwest Arctic Schools, Box 51, Kotzebue, AK 99752

Phone 907-442-3472, Fax 907-442-2392, e-mail: cmason@kotzebue.nwabsd.schoolzone.net

Web: <http://www.nwabsd.schoolzone.net>

Regional Development - NW Arctic Economic Dev. Comm., P.O. Box 1110, Kotzebue, AK 99752

Phone 907-442-2500, Fax 907-442-2930, e-mail: denise_koutchak@yahoo.com

Housing Authority - Northwest Inupiat Housing Authority, P.O. Box 331, Kotzebue, AK 99752

Phone 907-442-3450, Fax 907-442-3486, e-mail: nihaed@ptialaska.net

Regional Health Corporation - Maniilaq Association., P.O. Box 256, Kotzebue, AK 99752

Phone 907-442-3311, Fax 907-442-2381

2. Unorganized area regional organizations:

Regional Native Corp. - Bering Straits Native Corporation, P.O. Box 1008, Nome, AK 99762
Phone 907-443-5252, Fax 907-443-2985, Web: <http://www.beringstraits.com/>

School District - Bering Straits Schools, P.O. Box 225, Unalakleet, AK 99684
Phone 907-624-3611, Fax 907-624-3099, e-mail: jadavis@bssd.org, Web: <http://www.bssd.org>

Regional Development - Bering Straits ARDOR Program, P.O. Box 948, Nome, AK 99762
Phone 907-443-9005, Fax 907-443-2591, e-mail: stadem@kawerak.org

Housing Authority - Bering Straits Housing Auth., P.O. Box 995, Nome, AK 99762
Phone 907-443-5256, Fax 907-443-2160, e-mail: bsrha@nome.net

Regional Health Corporation - Norton Sound Health Corp., P.O. Box 966, Nome, AK 99762
Phone 907-443-3311, Fax 907-443-3139, e-mail: crowder@nshcorp.org

Regional Native Non-Profit - Kawerak, Incorporated, P.O. Box 948, Nome, AK 99762
Phone 907-443-5231, Fax 907-443-3708

B. COMMUNITY PROFILES

Please note that additional details, including historical and cultural information, are provided in the Community Profiles available on the Internet at the Alaska Department of Community and Economic Development website: http://www.dced.state.ak.us/mra/CF_COMDB.htm

The information included in the following profiles is meant to assist responders by providing the most vital contacts and useful facts available for a community. Efforts have been made to provide the most current information, but things change. Also, information is still being sought for some categories (note the blank spaces), especially those concerning a town or village's chosen priority locations for protection in case of a spill. The plan holders welcome any inputs that might make this a more useful and instructive document.

Be aware that most of the smaller villages have no organized fire department, volunteer or otherwise. Law enforcement varies from village to village. Some may have a city government-backed police department, even though it may only consist of a chief and one officer. Most villages have a Village Public Safety Officer (VPSO), a position that generally receives funding through both a Native corporation and the state's Dept. of Public Safety, where they also receive training. A few villages have a Village Police Officer (VPO) or a Tribal Police Officer (TPO), positions that are contracted directly by the local government or tribal council, respectively.

A survey was distributed to all of the communities in the subarea requesting a list of the top five priority locations/sensitive areas that the community deemed the most important for protection if a spill should occur. All submitted lists have been included in the respective village's community profile.

AMBLER

Population: 293

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

VPO: 445-2180

State Troopers: 800-789-3222 (Kotzebue)

Fire:

Medical: Ambler Health Clinic – 445-2129; clinic currently undergoing major renovation. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Ambler, P.O. Box 9, Ambler, AK 99786

Phone 907-445-2122, Fax 907-445-2174

Village Council: Ambler Traditional Council, P.O. Box 47, Ambler, AK 99786,

Phone 907-445-2196, Fax 907-445-2181, e-mail: Ambler@smtp.ak.bia.gov or Ambler@aitc.org

Location & Climate

Ambler is located on the north bank of the Kobuk River, near the confluence of the Ambler and the Kobuk Rivers. It lies 138 air miles northeast of Kotzebue, 30 miles northwest of Kobuk and 30 miles downriver from Shungnak. It lies at approximately 67d 05m N Latitude, 157d 52m W Longitude. Ambler is located in the continental climate zone; temperatures average -10 to 15 during winter, 40 to 65 during summer. Temperature extremes have been recorded from -65 to 92. Snowfall averages 80 inches and precipitation is 16 inches total per year. The Kobuk River is navigable from early July to mid-October.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. There are no roads linking the city to other parts of the state. Boats are used for inter-village travel and subsistence activities. ATVs and snowmachines are commonly used in winter.

Airport Facilities: A State-owned 3,000' lighted gravel airstrip, with a 2,400' gravel crosswind airstrip, is located one and a half miles from the City. Elevation 289'. Daily scheduled services are provided out of Kotzebue, and air taxis provide charter flights. The airstrip has recently undergone major improvements.

Airline Services: Hagland; Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Alaska Island Air.

Freight: Crowley Marine Services barges fuel and supplies to Ambler each summer.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Co-op, Inc. **Cable Provider:** City of Ambler

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Internet Service Provider:** GCI (www.gci.net)

TV Stations: ARCS **Radio Stations:** KOTZ-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, aviation, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (12 @ 101,500 gals.); NWAB Schools (3 @ 46,000); NANA Bulk Plant (225,200)

Housing: Accommodations and meals available at Kobuk River Lodge & General Store, 445-2150.

Services: Groceries, clothing, first-aid supplies, hardware, and film available. No laundromat or banking facilities. Rental transportation includes autos, off-road vehicles, boats, and charter aircraft.

Water & Sewage: The main source of water for the community is a 167' well near the Kobuk River.

Water is pumped 940 feet to the treatment facility and stored in a 210,000-gallon insulated tank, then piped

to most homes. An 80' standby well is also located at the water treatment plant. Sewage is collected via 6- and 8-inch arctic pipes and flows to a facultative lagoon through two lift stations, where it discharges to a natural watershed, then to the Kobuk River. Currently, 57 homes are served by the piped water and sewer system.

Miscellaneous: There is one school located in the community, attended by 97 students. The landfill is not permitted. Funds have been requested to develop a refuse collection system and purchase an incinerator.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Cash employment is limited to the school, city, clinic and local stores, although some mining occurs. Seven residents hold commercial fishing permits. Subsistence is a major part of the Ambler economy. Chum salmon and caribou are the most important food sources. Freshwater fish, moose, bear, and berries are also harvested. Birch baskets, fur pelts, and jade, quartz, bone and ivory carvings are sold in gift shops throughout the state

Culture & Demographics

Ambler was permanently settled in 1958 when people from Shungnak and Kobuk moved down stream because of the variety of fish, wild game and spruce trees in the area. The residents of Ambler are Kowagnit Inupiat Eskimos, with a traditional subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 79 total housing units, and 8 of these were vacant. The official unemployment rate at that time was 39%, with 56 jobs estimated to be in the community and 66% of all adults not in the work force. The median household income was \$22,500, and 31% of residents were living below the poverty level.

BREVIG MISSION

Population: 291

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPSO: 642-2270

State Troopers: 800-443-2835 (Nome)

Fire: none (Pt. Clarence USCG Loran Station may be available for emergency support.)

Medical: Brevig Mission Health Clinic – 642-4311. Auxiliary health care provided by flight to Nome.

Organizations with Local Offices

City: City of Brevig Mission, P.O. Box 85021, Brevig Mission, AK 99785

Phone 907-642-3851, Fax 907-642-2194

Village Corporation: Brevig Mission Native Corporation, P.O. Box 85024, Brevig Mission, AK 99785

Phone 907-642-4091, Fax 907-642-2060

Village Council: Native Village of Brevig Mission, P.O. Box 85063, Brevig Mission, AK 99785

Phone 907-642-4301, Fax 907-642-2099, e-mail: Brevig@aitc.org

Location & Climate

Brevig Mission is located at the mouth of Shelman Creek on Port Clarence, 5 miles northwest of Teller and 65 miles northwest of Nome. It lies at approximately 65d 20m N Latitude, 166d 29m W Longitude.

Brevig Mission has a maritime climate with continental influences when the Bering Sea freezes. Summer temperatures average 44 to 57; winter temperatures average -9 to 8. Precipitation averages 11.5 inches, with 50 inches of snowfall. Port Clarence is generally ice-free between early June and mid-November.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. Teller is 5 miles away by boat; a 72-mile gravel road between Teller and Nome is maintained by the State during the summer. ATVs and snowmachines are commonly used in winter.

Airport Facilities: The State-owned 2,100' gravel airstrip with 1,000' crosswind strip enables year-round access. Elevation 25'. Airport has lights and freight terminal but runway condition is not monitored. Regular air service is available from Nome, and charters are provided from Nome and Teller.

Airline Services: Bering Air; Cape Smythe Air Service; Olson Air; Grant Aviation; Alaska Transportation Services; Baker Aviation.

Freight: A cargo ship stops annually.

Vessel Support:

Facilities & Utilities

Communications: In-State Phone: Mukluk Telephone Co./TelAlaska Cable **Provider:** City Of Brevig Mission

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone

Internet Service Provider: GCI (www.gci.net); Nome.net (www.nome.net)

TV Stations: ARCS **Radio Stations:** KICY-AM; KNOM-AM **Teleconf:** Alaska Teleconferencing Network

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Aviation and regular gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Bering Straits Schools (15 @ 101,500 gals.); City (7 @ 79,750); Church (8,000); Army Nat'l Guard (3 @ 4,750); AVEC (11 @ 66,900)

Housing: No hotels. Accommodations may be arranged at the high school by contacting the school principle (642-4021).

Services: No restaurants or banking services. The washeteria building (642-4321) and the health clinic may also provide lodging. Groceries, clothing, first-aid supplies, hardware, and film available at the Brevig Muit Store (642-4091). No laundromat or banking facilities. Marine engine and boat repair available, and arrangements can be made to rent boats.

Water & Sewage: Brevig Mission has begun construction of a 4-phase, \$8.5 million piped water and sewer system, as well as relocation of the landfill. Water is supplied by Shelmon Creek, is treated and stored in a 100,000-gallon tank at the washeteria. The tank is filled monthly. Water is piped into the school from the washeteria. Water is currently hauled by residents to home storage tanks by ATVs or snow machines. Residents have honeybuckets hauled to bunkers, which are deposited in a sewage lagoon. A septic tank serves the washeteria and school.

Miscellaneous: There is one school located in the community, attended by 100 students. The landfill is not permitted.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 443-2500 (Nome)

National Guard Armory – 642-2118

Other government facilities –

Local Spill Response Equipment:

Up to 20 boats, some sorbent pads, and a backhoe may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. Grantley Harbor – Natural resources
2. Imurak Basin – Natural resources
3. Shelman Creek – Drinking water source
4. Port Clarence – Salmon migratory source
5. Marine mammals – Subsistence source

Economy

The people of Brevig Mission subsist upon fish, moose, reindeer, seal, walrus and beluga whales. The primary employers are the city and school district. Year-round jobs are scarce, unemployment is high, and seasonal jobs in mining and construction are becoming limited due to a depressed minerals market. Arts and crafts provide some cash income.

Culture & Demographics

The Kauwerak Eskimos in this area lived in migratory communities in pursuit of hunting and fishing grounds, and traded furs with Siberia, Little Diomed and King Island. The "Teller Reindeer Station" opened near this site in 1892; it was operated by the U.S. government until 1900. In 1903, the Brevig Mission post office was established. Reindeer were the economic base of this community until 1974, when the industry began to decline. Approximately 92% of the population are Alaska Natives. A federally recognized tribe is located in the community. Brevig Mission is predominantly Eskimo with a subsistence lifestyle. The sale, importation and possession of alcohol are banned in the village. During the April 1990 U.S. Census, there were 64 total housing units, and 11 of these were vacant. The official unemployment rate at that time was 35%, with 44 jobs estimated to be in the community and 55% of all adults not in the work force. The median household income was \$15,000, and 25% of residents were living below the poverty level.

BUCKLAND

Population: 442

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

VPSO: 494-2162

State Troopers: 800-789-3222 (Kotzebue)

Fire: 494-2176

Medical: Buckland Health Clinic – 494-2122. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Buckland, P.O. Box 49, Buckland, AK 99727

Phone 907-494-2121, Fax 907-494-2138

Village Council: Native Village of Buckland, P.O. Box 67, Buckland, AK 99727

Phone 907-494-2171, Fax 907-494-2217, e-mail: Buckland@aitc.org

Location & Climate

Buckland is located on the west bank of the Buckland River, about 75 miles southeast of Kotzebue and lies at approximately 65d 59m N Latitude, 161d 08m W Longitude. Buckland is located in the transitional climate zone which is characterized by long, cold winters and cool summers. Temperatures range from -60 to the mid 80s. Snowfall averages 40 inches, with 9 inches of precipitation per year. Crosswinds can restrict flying during the winter.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. There are no roads outside the village.

Airport Facilities: A State-owned 2,580' gravel airstrip that serves a number of scheduled and chartered flights is one mile southwest from village. Elevation 30'. Runway condition not monitored, and area subject to turbulent crosswinds in the summer.

Airline Services: Hagland; Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Alaska Island Air.

Freight: Barge service brings in fuel and supplies each summer.

Vessel Support:

Facilities & Utilities

Communications: In-State Phone: OTZ Telephone Co-op, Inc. **Internet Service Provider:** GCI (www.gci.net)

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Cable Provider:** City of Buckland

TV Stations: ARCS **Radio Stations:** KOTZ-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by City of Buckland.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity):

Housing: No lodging.

Services: No restaurant or banking services. Groceries, clothing, first-aid supplies, hardware, and film available at four stores. Laundry facilities available at city washeteria, open daily. No rental transportation.

Water & Sewage: Water is pumped from Buckland River, treated in the washeteria building, and stored in a 100,000-gallon tank. Some residents have water delivered to home tanks, but most haul their own water. A flush/haul system was recently completed in 14 new HUD houses, including water and waste holding tanks and household plumbing. Most residents have honeybuckets hauled to the sewage lagoon. A Master Plan is being developed for phased implementation of a community system for 70 unserved homes.

Miscellaneous: There is one school located in the community, attended by 154 students. The school has full plumbing. Individuals dispose of refuse in dumpsters, which are hauled to the landfill. DEC has approved the landfill for use, although it is not permitted.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –
School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)
National Guard Armory – 494-2121
Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Residents depend on a subsistence lifestyle for most food sources. A herd of more than 2,000 reindeer are managed; workers are paid in meat. Employment is primarily with the school, city, health clinic and stores. Some mining also occurs. Two residents hold commercial fishing permits.

Culture & Demographics

The residents have moved from one site to another along the river at least five times in recent memory, to places known as Elephant Point, Old Buckland and New Site. The presence of many fossil finds at Elephant Point indicates prehistoric occupation of the area. The Inupiaq Eskimos depend on reindeer, beluga whale and seal for survival. Approximately 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. Buckland is an Eskimo village, and subsistence activities are an important focus of the economy. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 70 total housing units, and 1 of these were vacant. The official unemployment rate at that time was 12%, with 65 jobs estimated to be in the community and 59% of all adults not in the work force. The median household income was \$18,906, and 32.8% of residents were living below the poverty level.

CANDLE

Population: 4 year-round, up to 35 in summer mining season. **Incorporation Type:** Unincorporated
Borough Located In: Northwest Arctic **Regional Native Corporation:** Not applicable.

Emergency Services

State Troopers: 800-789-3222 (Kotzebue)

Medical: None

Organizations with Local Offices

None identified

Location & Climate

Candle is located on the Kewalik River, 90 miles southeast of Kotzebue. Winters are similar to Kotzebue. June is clear and cool, July hot and dry, August expect rain, then usually 2 or 3 weeks of Indian summer in September.

Transportation

Accessibility: By plane, small boat and snowmachine. There are no roads outside of immediate area. .

Airport Facilities: A 5,200' gravel airstrip adjacent northeast. Elevation 15'.

Airline Services: Some scheduled and chartered air service

Freight: No scheduled service.

Vessel Support: No information.

Facilities & Utilities

Communications: No information.

Electricity: No information.

Fuel: None available.

Fuel Storage - Tank Owners (number of tanks, total capacity):

Housing: No lodging.

Services: No services available.

Water & Sewage: No information.

Miscellaneous: There is no state-operated school located in the community.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Potential Staging Areas:

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Mining and some subsistence fishing and hunting.

Culture & Demographics

Candle is a mining community started in 1904. Most of the town burned down about 20 years ago; just a few of the houses were left standing. Population increases in May with the beginning of mining season, and decreases with freeze-up in late September or October.

COUNCIL

Population: None year-round, up to 50 in summer. **Incorporation Type:** Unincorporated
Borough Located In: Unorganized **Regional Native Corporation:** Bering Straits

Emergency Services

State Troopers: 800-443-2835 (Nome)

Medical: None. Auxiliary health care is provided by Norton Sound Regional Hospital (443-3311) in Nome.

Organizations with Local Offices

Village Corporation: Council Native Corporation, P.O. Box 1183, Nome, AK 99762
Phone 907-443-5231/7649

Village Council: Native Village of Council, P.O. Box 2050, Nome, AK 99762
Phone 907-443-7649, Fax 907-443-7649, e-mail: Council@aitc.org

Location & Climate

Council is located at the terminus of the Nome/Council road, 60 miles northeast of Nome. It lies on left bank of the Niukluk River at approximately 64d 54m N Latitude, 163d 40m W Longitude. Council has a continental climate with maritime influences when Norton Sound is ice-free. Its inland location gives greater daily variation in temperatures than nearby coastal communities. Seasonal temperatures range from -9 to 64. Council is a seasonal use area for Nome residents.

Transportation

Accessibility: By plane, small boat, snowmachine/dogsled, and by vehicle from Nome when the road is passable.

Airport Facilities: There is a State-owned 3,000' gravel airstrip, but it is not maintained in the winter. Elevation 95'. The airstrip has recently undergone major improvements.

Airline Services: Air charter services are available from Nome.

Freight: No services.

Vessel Support:

Facilities & Utilities

Communications: One phone in the community building (665-8001) and radio.

In-State Phone: Mukluk Telephone Co./TelAlaska **Long-Distance Phone:** AT&T Alascom

TV Stations: ARCS **Radio Stations:** KICY-AM; KNOM-AM **Cable Provider:** None

Electricity: There is no central electric system. Electricity is provided by individual generators.

Fuel: Gasoline and propane available seasonally.

Fuel Storage - Tank Owners (number of tanks, total capacity): No information.

Services: Accommodations and meals available in summer at Camp Bendeleben fishing lodge (443-2880). Limited groceries available from small store in residence. No laundromat or banking facilities.

Water & Sewage: Households must haul water from a central watering point or nearby river. Sewage is deposited in septic tanks or outhouses. Only a few homes have plumbing.

Miscellaneous: There is no state-operated school located in the community.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Potential Staging Areas:

Airport – 443-2500 (Nome)

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Council is a seasonal fish camp. Several Nome residents have homes in Council, used for summer subsistence food-gathering activities.

Culture & Demographics

Historically, this was a fish camp for the Fish River Tribe, who originally lived 12 miles downstream. Council's history is synonymous with the gold rush period; gold was first discovered in the area in 1897. By 1898, there were 50 log houses. During the summers of 1897-99, the population of "Council City" was estimated at 15,000. By 1950, only nine people remained; the post office closed in 1953. Today, the community is not occupied year-round; the community is primarily a summer fish camp site for Nome residents and nearly two-thirds of the seasonal population are Alaska Natives. A federally recognized tribe is located in the community. During the April 1990 U.S. Census, there were 32 total housing units, and 29 of these were vacant.

DEERING

Population: 155

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

VPO: 363-2133

State Troopers: 800-789-3222 (Kotzebue)

Fire: None

Medical: Deering Health Clinic – 363-2137. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Deering, P.O. Box 36049, Deering, AK 99736

Phone 907-363-2136, Fax 907-363-2156

Electric Utility: Ipnatchiaq Electric Company, P.O. Box 36021, Deering, AK 99736

Phone 907-363-2157, Fax 907-363-2156

Village Council: Native Village of Deering, P.O. Box 89, Deering, AK 99736

Phone 907-363-2138, Fax 907-363-2158, e-mail: Deering@aitc.org

Location & Climate

Deering is located on Kotzebue Sound at the mouth of the Inmachuk River, 57 miles southwest of Kotzebue. It is built on a flat sand and gravel spit 300 feet wide and a half-mile long. It lies at approximately 66d 04m N Latitude, 162d 42m W Longitude (Sec. 20, T008N, R019W, Kateel River Meridian). Deering is located in the transitional climate zone which is characterized by long, cold winters and cool summers. The average low temperature during January is -18; the average high during July is 63. Temperature extremes have been measured from -60 to 85. Snowfall averages 36 inches, with a total precipitation of 9 inches per year. Kotzebue Sound is ice-free from early July until mid-October.

Transportation

Accessibility: Deering is accessible year-round by plane. Small boats, ATVs and snowmachines are used for local travel. Winter trails are available to Candle and Buckland.

Airport Facilities: A new State-owned 2,600' gravel airstrip, with a 2,080' crosswind strip.

Airline Services: Hagland; Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Alaska Island Air.

Freight: Crowley Marine Services barges fuel and supplies from Kotzebue each summer.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Co-op, Inc. **Cable Provider:** City of Deering

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Internet Service Provider:** GCI (www.gci.net)

TV Stations: ARCS **Radio Stations:** KOTZ-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Ipnatchiaq Electric Company.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Electric Co. (4 @ 70,000 gals.); School (36,000); NANA Bulk Fuel (167,000); Other (7,914)

Housing: Accommodations with kitchen privileges available at Deering Multipurpose facility (363-2136).

Services: Groceries, clothing, first-aid supplies, hardware, and film available at Deering Native Store (363-2159) and Beep's Store (363-2125). Laundromat available. No major repair service or rental transportation.

Water & Sewage: Water is derived from the Inmachuk River, then treated and pumped to a 400,000-gallon insulated storage tank. Major improvements are under construction, including a new water intake,

water treatment plant, storage tank, water haul and vacuum sewer system. Archaeological remains were discovered while excavating for the new system.

Miscellaneous: There is one school located in the community, attended by 44 students. The City would like to purchase an incinerator with waste heat recovery to reduce the volume of refuse

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Deering's economy is a mix of cash and subsistence activities. Moose, seal and beluga whale provide most meat sources; pink salmon, tom cod, herring, ptarmigan, rabbit and waterfowl are also utilized. The Karmun-Moto reindeer herd of 1,400 animals provides some local employment. A number of residents earn income from handicrafts and trapping. The school, city, Maniilaq Association, stores, and an airline provide the only year-round jobs. Some mining occurs in the Seward Peninsula's interior. Three residents hold commercial fishing permits.

Culture & Demographics

The village was established in 1901 as a supply station for Interior gold mining near the historic Malemiut Eskimo village of Inmachukmiut. The name Deering was probably taken from the 90-ton schooner "Abbey Deering," which was in nearby waters around 1900. Nearly 95% of the population are Alaska Natives, primarily Inupiat Eskimo. A federally recognized tribe is located in the community. The people are active in subsistence. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 54 total housing units, and 10 of these were vacant. The official unemployment rate at that time was 6.7%, with 56 jobs estimated to be in the community and 42% of all adults not in the work force. The median household income was \$15,208, and 21.6% of residents were living below the poverty level.

DIOMEDE

Population: 133

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPO: 686-2000

State Troopers: 800-443-2835 (Nome)

Fire: 686-3071

Medical: Little Diomede Health Clinic – 686-3311. Auxiliary health care provided by flight to Nome.

Organizations with Local Offices

City: City of Diomede, P.O. Box 7039, Little Diomede, AK 99762

Phone 907-686-3071, Fax 907-686-2192

Electric Utility: Diomede Joint Utilities, P.O. Box 7020, Diomede, AK 99762

Phone 907-686-3051, Fax 907-686-3061

Village Corporation: Diomede Native Corporation, P.O. Box Holder, Little Diomede, AK 99762

Phone 907-686-3221, Fax 907-686-3061

Village Council: Native Village of Diomede, P.O. Box 7099, Diomede, AK 99762

Phone 907-686-2175, Fax 907-686-2203, e-mail: Diomede@aitc.org

Location & Climate

Diomede is located on the west coast of Little Diomede Island in the Bering Straits, 135 miles northwest of Nome, and lies at approximately 65d 47m N Latitude, 169d 00m W Longitude (Sec. 08, T004N, R049W, Kateel River Meridian). It is only 2.5 miles to Big Diomede Island, Russia, and the International Boundary lies between the two islands. Summer temperatures average 40 to 50; winter temperatures average from -10 to 6. Annual precipitation is 10 inches, with 30 inches of snowfall. During summer months, cloudy skies and fog prevail. Winds blow consistently from the north, averaging 15 knots, with gusts to 60 or 80 MPH. The Bering Strait is generally frozen between mid-December and mid-June.

Transportation

Accessibility: Due to environmental conditions, access is often limited. Mail is delivered once per week. Villagers travel to Wales by boat for supplies. Skin boats are still a popular method of sea travel; it is 28 miles to Wales.

Airport Facilities: A State-owned heliport allows for weekly mail delivery. There is no airstrip due to the steep slopes and rocky terrain, so skiplanes must land on an ice strip in winter. Few float plane pilots attempt to land on the rough, often foggy open sea during summer.

Airline Services: Regular flights are scheduled from Nome, weather permitting.

Freight: Cargo barge stops are irregular due to sea or ice conditions, but deliver at least annually.

Vessel Support: There is a breakwater and small boat harbor.

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska **Cable Provider:** Diomede Cable (City)

Long-Distance Phone: Mukluk Telephone **Teleconferencing:** Alaska Teleconferencing Network

Internet Service Provider: None **TV Stations:** ARCS **Radio Stations:** KICY-AM; KNOM-AM

Electricity: Provided by Diomede Joint Utilities.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): School (2 @ 85,000 gals.); Electric Utility (80,000); Native Store (40,000).

Housing: A room with efficiency kitchen is available through Inalik Native Corporation (686-3221).

Services: No restaurant or banking services. Laundromat with showers available. Limited groceries and supplies available at Diomedé Native Store (686-3611). Arrangements can be made to rent boats.

Water & Sewage: Water drawn from a mountain spring is treated and stored in a 434,000 steel tank, and families haul water from this source. The tank is filled for winter use, but the water supply typically runs out around March. The washeteria is then closed and residents are required to melt snow and ice for drinking water. The city and the school has requested funding for new water storage tanks to alleviate demands on the city water supply, to improve the water catchment system, and be a community back-up. All households use privies and honeybuckets. The washeteria/clinic is served by a septic system and seepage pit.

Miscellaneous: There is one school located in the community, attended by 45 students. Due to the soil condition, lack of ground cover and steep terrain, there are limited waste disposal methods. Refuse disposal is an individual responsibility; combustibles are burned. The city has requested funding to implement refuse collection and purchase an incinerator.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Heliport – 443-2500 (Nome)

National Guard Armory – 686-3891

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. Main beach – place to dock boats and store meat
2. Tank farm – holds fuel for year-round use
3. Village site – to protect residents
4. All local waters – subsistence needs for mammals and fish

Economy

The Diomedé villagers depend almost entirely upon a subsistence economy for their livelihood. Fish, crab, walrus, seal, beluga whales and polar bear are among the resources utilized. Employment is limited to the city and school. Seasonal mining, construction and commercial fishing positions have been on the decline. The Diomedé people are excellent ivory carvers; the city serves as a wholesale agent for the ivory.

Culture & Demographics

Early Eskimos on the islands were fearless men of the ice and sea, with an advanced culture practicing elaborate whale hunting ceremonies. They traded with both continents. Nearly 94% of the population are Alaska Natives. A federally recognized tribe is located in the community. Diomedé is a traditional Ingalikmiut Eskimo village with a subsistence lifestyle. Mainland Natives come to Diomedé to hunt polar bears. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 41 total housing units, and none were vacant. Approximately 40% of all adults were in the work force, with 44 jobs estimated to be in the community. The median household income was \$14,375, and 63% of residents were living below the poverty level.

ELIM

Population: 316

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Not applicable.

Emergency Services

VPSO: 890-3611

State Troopers: 800-443-2835 (Nome)

Fire: 890-3441

Medical: Elim Health Clinic – 890-3311. Auxiliary health care is provided by flight to Nome.

Organizations with Local Offices

City: City of Elim, P.O. Box 39009, Elim, AK 99739

Phone 907-890-3441, Fax 907-890-3811

Village Corporation: Elim Native Corporation, P.O. Box 39010, Elim, AK 99739

Phone 907-890-3741, Fax 907-890-3091

Village Council: Native Village of Elim, P.O. Box 39070, Elim, AK 99739-0070

Phone 907-890-3737, Fax 907-890-3738, e-mail: Elim@smtp.ak.bia.gov or Elim@aitc.org

Location & Climate

Elim is located on the northwest shore of Norton Bay on the Seward Peninsula, 96 miles east of Nome. It lies 460 miles northwest of Anchorage. It lies at approximately 64d 37m N Latitude, 162d 15m W Longitude (Sec. 15, T010S, R018W, Kateel River Meridian). Elim has a Subarctic climate with maritime influences. Norton Sound is ice-free generally between mid-June and mid-November. Summers are cool and moist; winters are cold and dry. Summer temperatures average between 46 to 62; winter temperatures average -8 to 8. Annual precipitation is 19 inches, including about 80 inches of snow.

Transportation

Accessibility: By plane, small boat and snowmachine.

Airport Facilities: Recent improvements have made the State-owned airfield one of the best and most modern in the region. It offers a 3,000 gravel runway. Elevation 130'. Elim Native Corporation also owns a private 4,700' paved airstrip with a 1,390' crosswind runway at Moses Point.

Airline Services: Baker Aviation; Bering Air; Cape Smythe Air Service; Olson Air; Arctic Transportation Service.

Freight: A company operating from Nome brings a cargo ship with freight annually; supplies must be lightered to shore.

Vessel Support: There is no dock in the village, but plans are underway to develop a harbor and dock; an access road is under construction.

Facilities & Utilities

Communications: In-State Phone: Mukluk Telephone Co./TelAlaska

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone **Cable Provider:** Elim Native Corporation

Internet Service Provider: Arctic.Net/TelAlaska, Inc (www.arctic.net); GCI (www.gci.net) **TV Stations:** ARCS

Radio Stations: KICY-AM; KNOM-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Bering Straits Schools (8 @ 57,410 gals.); City (12 @ 142,430); Army Nat'l Guard (3 @ 4,500); AK DOT (3,000); Elim Native Store (68,130); AVEC (70,850)

Housing: Accommodations may be secured through the City of Elim (890-3441), which has 2 rooms with 2 beds each.

Services: Groceries, clothing, and sundry items available at Elim Native Store and Eagle Cache Store. Laundry facilities available but no restaurant nor banking services. Rental transportation includes autos, off-road vehicles, and boats. Boat, auto and aircraft repairs may be available.

Water & Sewage: Water is derived from a well and is treated. BIA and HUD housing, and water and sewer systems built by PHS in 1974, have provided residents with piped water and sewer, indoor water heaters and plumbing, and in-home washers and dryers. Wastes flow to a sewage treatment plant with ocean outfall. The city needs to replace cracked PVC pipes and to locate a new water source, since water shortages occur.

Miscellaneous: There is one school located in the community, attended by 99 students. The landfill is not permitted.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 624-3261 (Unalakleet)

National Guard Armory – 890-3891

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The Elim economy is based on subsistence harvests; cash employment is limited to fishing, the city and school. Unemployment is high, and seasonal part-time employment in nearby Nome has declined recently due to a depressed gold market. Approximately 40 residents hold commercial fishing permits. The village wants to develop a fish processing plant. Residents rely on fish, seal, walrus, beluga whale, reindeer, moose and garden harvests.

Culture & Demographics

This settlement was formerly the Malemiut Inupiat Eskimo village of Nuviakchak, which possessed a well-defined subsistence harvest territory. The area became a federal reindeer reserve in 1911, and in 1914 a Covenant mission and school, called Elim Mission Roadhouse, was founded. When Congress passed the Alaska Native Claims Settlement Act (ANCSA) in 1971, Elim decided not to participate, and instead opted for title to the 298,000 acres of land in the former Elim Reserve. The Iditarod Sled Dog Race passes through Elim each year. Over 90% of the population are Alaska Natives. A federally recognized tribe is located in the community. It is an Inupiat Eskimo village with a fishing and subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 81 total housing units, and 8 of these were vacant. The official unemployment rate at that time was 36%, with 53 jobs estimated to be in the community and 66% of all adults not in the work force. The median household income was \$16,250, and 25% of residents were living below the poverty level.

GAMBELL

Population: 653

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Not Applicable.

Emergency Services

Dept of Public Safety: 985-5333

State Troopers: 800-443-2835 (Nome)

Fire:

Medical: Gambell Health Clinic – 985-5012.

Organizations with Local Offices

City: City of Gambell, P.O. Box 189, Gambell, AK 99742

Phone 907-985-5112, Fax 907-985-5927

Village Corporation: Sivuqaq Incorporated, P.O. Box 101, Gambell, AK 99742

Phone 907-985-5826, Fax 907-985-5426

Village Council: Native Village of Gambell, P.O. Box 99, Gambell, AK 99742

Phone 907-985-5346, Fax 907-985-5014, e-mail: Gambell@smtp.ak.bia.gov or Gambell@aitc.org

Location & Climate

Gambell is located on the northwest cape of St. Lawrence Island, 200 miles west of Nome, in the Bering Sea. The town is 36 miles from the Chukotsk Peninsula, Siberia, and lies at approximately 63° 47' N Latitude, 171° 45' W Longitude (Sec. 03, T020S, R067W, Kateel River Meridian). Gambell has a maritime climate with continental influences in the winter. Winds and fog are common, and precipitation occurs 300 days per year. Average annual precipitation is 15", including 80" of snowfall. The Bering Sea freezes during mid-November, with break-up at the end of May. Average summer temperatures are 34 to 48; average winter temperatures are -2 to 10. Extremes from -30 to 65 have been recorded.

Transportation

Accessibility: Gambell's isolated location on an island with no seaport results in heavy dependence upon air transport.

Airport Facilities: The State-owned airport, currently undergoing major improvement, provides a 4,500' asphalt runway. Elevation 27'.

Airline Services: Regular flights from Nome and charters from Unalakleet are available: Bering Air; Cape Smythe Air Service.

Freight:

Vessel Support:

Facilities & Utilities

Communications: In-State Phone: United Utilities Inc. **Cable Provider:** Frontier Cable, Inc.

Long-Distance Phone: AT&T Alascom; United Utilities **Teleconferencing:** Alaska Teleconf. Network

Internet Service Provider: School Only - GCI (www.gci.net)

TV Stations: ARCS **Radio Stations:** KICY-AM; KNOM-AM

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (8 @ 125,200 gals.); Bering St Schools (14 @ 81,350)

Housing: Accommodations and meals reportedly available at one lodge.

Services: Groceries, clothing, first-aid supplies, hardware, and film available at Gambell Native Store (985-5211). Laundry facilities available but no banking services. Arrangements can be made to rent off-

road vehicles and boats. No major repair service available.

Water & Sewage: Water is derived from wells and Troutman Lake, then treated and stored in three storage tanks. Nearly all homes (116) are now connected to the piped water and sewer system. The schools and washeteria have individual water wells and septic tank systems. A new water source is needed to ensure that no shortages will occur.

Miscellaneous: The city-operated landfill is not permitted.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 443-2500 (Nome)

National Guard Armory – 985-5534

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The economy in Gambell is largely based upon subsistence harvests from the sea - seal, walrus, fish and bowhead and gray whales. Fox are trapped as a secondary source of cash income. Some reindeer roam free on the island, but most harvesting occurs out of Savoonga. Ivory carving and sale of archaeological artifacts are popular sources of income. The abundant number of seabird colonies provides the opportunity for limited tourism by bird-watchers. One resident holds a commercial fishing permit.

Culture & Demographics

St. Lawrence Island has been inhabited intermittently for the past 2,000 years by both Alaskan and Siberian Yup'ik Eskimos. In the 18th and 19th centuries, over 4,000 people inhabited the island in 35 villages. A tragic famine between 1878 and 1880 decimated the population. In 1900, reindeer were introduced to the island for local use, and in 1903, President Roosevelt established a reindeer reservation. When ANCSA was passed in 1971, Gambell and Savoonga decided not to participate and instead opted for title to the 1.136 million acres of land in the former St. Lawrence Island Reserve; the island is jointly owned by Savoonga and Gambell. Numerous species of birds, some of them rare Asiatic species, populate the island during the summer. Approximately 96% of the population are Alaska Natives. A federally recognized tribe is located in the community. The isolation of Gambell has helped to maintain their traditional Siberian Yup'ik Eskimo culture, their language, and their subsistence lifestyle based upon marine mammals. Walrus-hide boats are still used to hunt. The sale, importation or possession of alcohol is banned in the village. During the April 1990 U.S. Census, there were 132 total housing units, and 12 of these were vacant. The official unemployment rate at that time was 17%, with 99 jobs estimated to be in the community and 71% of all adults not in the work force. The median household income was \$15,938, and 46% of residents were living below the poverty level.

GOLOVIN

Population: 142

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPSO: 779-3911

State Troopers: 800-443-2835 (Nome)

Fire: 779-3971

Medical: Golovin Health Clinic – 779-3311.

Organizations with Local Offices

City: City of Golovin, P.O. Box 62059, Golovin, AK 99762

Phone 907-779-3211, Fax 907-779-2239

Village Corporation: Golovin Native Corporation, P.O. Box 62099, Golovin, AK 99762

Phone 907-779-3251, Fax 907-779-3261

Village Council: Chinik Eskimo Community, P.O. Box 62020, Golovin, AK 99762

Phone 907-779-3261, Fax 907-779-2829, e-mail: Chinik@aitc.org

Location & Climate

Golovin is located on a point of land between Golovnin Bay and Golovnin Lagoon on the Seward Peninsula, 70 miles east of Nome. It lies at approximately 64d 33m N Latitude, 163d 02m W Longitude (Sec. 11, T011S, R022W, Kateel River Meridian). Marine climatic influences prevail during the summer when the sea is ice-free. Summer temperatures average 40 to 60; winter temperatures average -2 to 19. Extremes from -40 to 80 have been recorded. Average annual precipitation is 19 inches, with 40 inches of snowfall. Golovnin Bay is frozen from early November to mid-May.

Transportation

Accessibility: Access is limited to air and sea; there are no roads connecting the city with other areas.

Airport Facilities: Recently relocated, a new State-owned airport with a 4,000' gravel runway is operational.

Airline Services: Baker Aviation; Bering Air; Cape Smythe Air Service; Olson Air Service; Arctic Transportation Service.

Freight: A cargo ship brings supplies once each summer to Nome; the supplies are lightered from Nome and offloaded on the beach since there is no dock.

Vessel Support: No shipping dock

Facilities & Utilities

Communications: In-State Phone: Mukluk Telephone Co./TelAlaska **TV Stations:** ARCS

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone

Internet Service Provider: GCI (www.gci.net) **Radio Stations:** KICY-AM; KNOM-AM

Cable Provider: Golovin Native Corporation **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Golovin Power Utility.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): City (7 @ 97,000 gals.); Bering Straits Schools (8 @ 59,400)

Housing: No hotel, but reportedly, Maggie Olson has rooms for rent.

Services: No restaurant or banking services. Laundromat available. Groceries/supplies available at Olson & Sons.

Water & Sewage: The city is beginning development of a community-wide piped water and sewer system. Water is pumped from Chinik Creek, then treated and stored in three large tanks. A new 1.2-million-gallon water tank has been funded. Approximately 50% of households are plumbed; 28 homes currently have water delivered by truck, 27 haul their own water, and 13 collect rain water during the summer. Ten homes with septic tanks have experienced drainfield failures. Honeybuckets are used in 25 households and 21 homes use pit privies.

Miscellaneous: There is one school located in the community, attended by 44 students. A new landfill is under construction; the access road is completed. A new washeteria is needed.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –
School –

Potential Staging Areas:

Airport – 443-2500 (Nome)
Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The Golovin economy is based on subsistence activities, reindeer herding, fish processing and commercial fishing. Thirteen residents hold commercial fishing permits. The salmon fishery and reindeer herding offer some potential for cash income to augment subsistence food harvests. Fish, beluga whale, seal, moose and reindeer are the main sources of meat. Birds eggs and berries are gathered from the tundra

Culture & Demographics

The Eskimo village of "Chinik," located at the present site of Golovin, was originally settled by the Kauweramiut Eskimos who later mixed with the Unaligmiut Eskimos. When gold was discovered in 1898 at Council, Golovin became a supply point for the gold fields. A post office was opened in 1899. Reindeer herding was a integral part of the missions in the area in the 1900s. Nearly 93% of the population are Alaska Natives. A federally recognized tribe is located in the community. Golovin is an Eskimo village with a fishing, herding, and subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 49 total housing units, and 7 of these were vacant. At that time, approximately 50 jobs were estimated to be in the community and the official unemployment rate was 15%, with 44% of all adults not in the work force. The median household income was \$16,146, and 8% of residents were living below the poverty level.

KIANA

Population: 366

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

Police and VPSO: 475-2131

State Troopers: 800-789-3222 (Kotzebue)

Fire: 475-2132

Medical: Kiana Health Clinic – 475-2199. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Kiana, P.O. Box 150, Kiana, AK 99749

Phone 907-475-2136, Fax 907-475-2174, e-mail: CityofKiana@aol.com

Village Council: Kiana Traditional Council, P.O. Box 69, Kiana, AK 99749

Phone 907-475-2109, Fax 907-475-2180, e-mail: Kiana@aitc.org

Location & Climate

Kiana is located on the north bank of the Kobuk River, 57 air miles east of Kotzebue. It lies at approximately 66d 58m N Latitude, 160d 26m W Longitude (Sec. 09, T018N, R008W, Kateel River Meridian). Kiana is located in the transitional climate zone. Temperatures average -10 to 15 during winter; 40 to 60 during summer. Temperature extremes have been recorded from -54 to 87. Snowfall averages 60 inches, with 16 inches of total precipitation per year. The Kobuk River is navigable from the end of May to early October.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. Boats, ATVs and snowmachines are used extensively for local travel, and there are many trucks. A road extends along the river to Kobuk Camp, and a network of old trading trails exists.

Airport Facilities: The State-owned Bob Baker Memorial Airport has a 3,400' lighted gravel runway, no facilities, and is located approximately one mile from the village. Elevation 150'.

Airline Services: Daily scheduled flights and charter flights are available. Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Hagland; Alaska Island Air.

Freight: Crowley Marine Services barges fuel and supplies each summer, and local store owners have large boats to bring supplies upriver.

Vessel Support: There is no dock.

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Coop

Cable Provider: City of Kiana

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone

TV Stations: ARCS

Internet Service Provider: GCI (www.gci.net)

Radio Stations: KOTZ-AM

Teleconferencing: Alaska Teleconferencing Network; Kotzebue Legislative Information Office

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (14 @ 113,300 gals.); Kiana Trading Post/Margaret & Donald Dorsey (4 @ 51,208); NWAB Schools (103,700); City (94,000)

Housing: No hotels in town; a seasonal lodge is ten miles upstream.

Services: A small restaurant and laundromat, but no banking facilities. Groceries, clothing, first-aid supplies, hardware, and film available among the three stores in the community. Rental transportation includes boats and charter aircraft. Small engine repair only.

Water & Sewage: A 200,000-gallon steel tank is intermittently filled from two wells near the Kobuk River. Water is chlorinated prior to distribution through buried water mains. Piped water and sewer are provided to 75 homes, the clinic, school and community hall. Kiana maintains a 6-inch buried gravity sewer system, which drains to a lift station and is pumped through a buried force main to the sewage treatment lagoon northeast of the village. A few households haul water and use honeybuckets or septic tanks. A water and sewer Master Plan is being conducted for needed infrastructure improvements.

Miscellaneous: There is one school located in the community, attended by 139 students. The landfill is located west of the sewage disposal lagoon; the site needs to be relocated.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The economy depends on traditional subsistence activities, but is increasingly augmented by a cash economy. Chum salmon, freshwater fish, moose, caribou, waterfowl and berries are harvested. The school, the city, and Maniilaq Association provide the majority of year-round jobs. The Red Dog Mine also offers area employment. Kiana is one of the more modern villages in the Borough and has three general stores. Two residents hold commercial fishing permits; seasonal employment also includes work on river barges, BLM fire-fighting and jade and copper ore mining. Local interest in constructing a whitefish and burbot value-added processing plant and in developing eco-tourism, primarily guided river trips to the Great Kobuk Sand Dunes.

Culture & Demographics

Kowagmiut Inupiat Eskimos established Kiana, which means "a place where three rivers meet" long ago as the central village of the Kobuk River. Approximately 93% of the population are Alaska Natives. A federally recognized tribe is located in the community. Kiana is a traditional Eskimo village practicing a subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 124 total housing units, and 33 of these were vacant. The official unemployment rate at that time was 27%, with 78 jobs estimated to be in the community and 62% of all adults not in the work force. The median household income was \$28,125, and 24% of residents were living below the poverty level.

KIVALINA

Population: 382

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

VPO: 645-2137

State Troopers: 800-789-3222 (Kotzebue)

Fire:

Medical: Kivalina Health Clinic – 645-2141. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Kivalina, P.O. Box 50079, Kivalina, AK 99750

Phone 907-645-2137, Fax 907-645-2175

Village Council: Native Village of Kivalina, P.O. Box 50051, Kivalina, AK 99750

Phone 907-645-2153, Fax 907-645-2193, e-mail: Kivalina@aitc.org

Location & Climate

Kivalina is at the tip of an 8-mile barrier reef located between the Chukchi Sea and Kivalina River, approximately 80 air miles northwest of Kotzebue. It lies at approximately 67° 43' N Latitude, 164° 32' W Longitude (Sec. 21, T027N, R026W, Kateel River Meridian). Kivalina is in the transitional climate zone, characterized by long, cold winters and cool summers. The average low temperature during January is -15; the average high during July is 57. Temperature extremes have been measured from -54 to 85. Snowfall averages 57 inches, with 8.6 inches of precipitation per year. The Chukchi Sea is ice-free and open to boat traffic from mid-June to the first of November.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. There are no roads linking the city to other parts of the state. Boats are used for inter-village travel and subsistence activities. ATVs and snowmachines are commonly used in winter. The community needs a road to the proposed new city site, 7.5 miles away. Two main hunting trails follow the Kivalina and Wulik Rivers.

Airport Facilities: A State-owned 3,000' gravel airstrip serves daily flights from Kotzebue. Elevation 10'.

Airline Services: Hagland; Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Alaska Island Air.

Freight: Crowley Marine Services barges fuel and supplies from Kotzebue during July and August.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Co-op, Inc. **Internet Service Provider:** GCI (www.gci.net)

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Cable Provider:** City of Kivalina

TV Stations: ARCS **Radio Stations:** KOTZ-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (12 @ 94,700 gals.); Native Store (13 @ 114,400); NWAB Schools (8 @ 50,000)

Housing: Accommodations sometimes available in private homes.

Services: No restaurant, laundromat or banking facilities. Groceries, clothing, first-aid supplies, hardware, and film can be purchased in the community. Boats can sometimes be rented.

Water & Sewage: Wells have proven unsuccessful in Kivalina. Water is drawn from the Wulik River via a 3-mile surface transmission line and is stored in a 700,000-gallon raw water tank. It is then treated and transferred to a 500,000-gallon steel tank; residents haul water from this tank. One-third of homes have

their own tanks that are used to provide running water for the kitchen. The school and clinic have individual water and sewer systems. A new landfill and honeybucket disposal site were recently completed. Residents haul their own honeybuckets to bunkers. The city has requested funding to implement an ATV haul system, with equipment to deliver water and haul waste from homes.

Miscellaneous: There is one school located in the community, attended by 122 students.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)

National Guard Armory – 645-2137

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Kivalina's economy depends on subsistence practices; seal, walrus, whale, salmon, whitefish and caribou are harvested. The school, the city, Maniilaq Association, village council, and local stores provide year-round jobs. The Red Dog Mine also offers employment. Five residents hold commercial fishing permits.

Culture & Demographics

Kivalina has long been a stopping-off place for seasonal travelers between arctic coastal areas and Kotzebue Sound communities. It is the only village in the region where people hunt the bowhead whale. During the 1970s, new houses, a new school and an electric system were constructed in the village. Due to severe erosion, the city intends to relocate - a new site has been selected 7.5 miles away. Approximately 97% of the population are Alaska Natives. A federally recognized tribe is located in the community. Kivalina is a traditional Inupiat Eskimo village. Subsistence activities, including whaling, provide most food sources. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 71 total housing units, and 4 of these were vacant. The official unemployment rate at that time was 55%, with 48 jobs estimated to be in the community and 71% of all adults not in the work force. The median household income was \$28,036, and 32% of residents were living below the poverty level.

KOBUK

Population: 96

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

VPSO: 948-3222

State Troopers: 800-789-3222 (Kotzebue)

Fire:

Medical: Kobuk Health Clinic – 948-2218. The clinic has water and sewer freezing problems; needs major renovations and expansion. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Kobuk, P.O. Box 20, Kobuk, AK 99751

Phone 907-948-2217, Fax 907-948-2228

Electric Utility: Kobuk Valley Electric Cooperative, P.O. Box 53090, Kobuk, AK 99753

Phone 907-948-2251, Fax 907-948-2228

Village Council: Native Village of Kobuk, P.O. Box 39, Kobuk, AK 99751

Phone 907-948-2203, Fax 948-2123, e-mail: Kobuk@smtp.ak.bia.gov or Kobuk@aitc.org

Location & Climate

Kobuk is located on the right bank of the Kobuk River, about 7 miles northeast of Shungnak and 128 miles northeast of Kotzebue. It is the smallest village in the Northwest Arctic Borough and lies at approximately 66d 55m N Latitude, 156d 52m W Longitude (Sec. 03, T017N, R009E, Kateel River Meridian). Kobuk is located in the transitional climate zone. Temperatures average -10 to 15 during winter; 40 to 65 during summer. Temperature extremes have been recorded from -68 to 90. Snowfall averages 56 inches, with 17 inches of total precipitation per year. The Kobuk River is navigable from the end of May through October.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. There are many trails along the river for year-round inter-village travel and subsistence activities, including a 7-mile road to Shungnak.

Airport Facilities: A State-owned 2,360' lighted gravel airstrip is served by scheduled air carriers. Elevation 145'. Float planes land on the Kobuk River and nearby lake.

Airline Services: Baker Aviation; Cape Smythe Air; Hagland; Bering Air; Yute Air; Alaska Island Air.

Freight: Crowley Marine Services barges fuel and supplies during the spring and fall, when high water stages occur. There is a barge off-loading area.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Coop, Inc. **Internet Service Provider:** GCI (www.gci.net)

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Cable Provider:** None

TV Stations: ARCS **Radio Stations:** KOTZ-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Kobuk Valley Electric Cooperative, which purchases power from AVEC over the Kobuk-Shungnak intertie.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): NWAB Schools (15,000 gals.); City (37,000)

Housing: Some accommodations can be arranged.

Services: Groceries, clothing, first-aid supplies, hardware, and film available. Laundromat with showers. No restaurant or banking services. Rental transportation includes boats and charter aircraft. No public

transportation.

Water & Sewage: A 30-foot well provides water, which is treated and currently hauled by residents from the washeteria. Honeybuckets and privies are currently used by most residences. Major construction underway to provide a piped water and sewer system, including household plumbing. The washeteria has its own septic tank. Waste is disposed of at Dall Creek.

Miscellaneous: There is one school located in the community, attended by 35 students. A new landfill was recently completed.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)

Other government facilities –

Local Spill Response Equipment:

Up to ten boats and a backhoe may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The economy of Kobuk is based on subsistence; whitefish, caribou and moose provide the majority of meat sources.

Cash employment is limited to the school, city government and Maniilaq clinic. Seasonal construction and BLM fire fighting provide some income.

Culture & Demographics

Kobuk was founded in 1899 as a supply point for mining activities in the Cosmos Hills to the north. High School students attend school in Shungnak. Ice jams on the river cause high water each year, and in May 1973, a flood covered the entire village. Nearly 90% of the population are Alaska Natives. A federally recognized tribe is located in the community. It is an Inupiat Eskimo village practicing a traditional subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 24 total housing units, and 6 of these were vacant. The official unemployment rate at that time was 35%, with 13 jobs estimated to be in the community and 66% of all adults not in the work force. The median household income was \$20,625, and 34% of residents were living below the poverty level.

KOTZEBUE

Population: 3000

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

Police: 442-3351

State Troopers: 442-3222

Fire: 442-3403/3404/3351

Medical: Maniilaq Health Center (PHS) – 442-3321. Hospital is a qualified Acute Care facility.

Auxiliary health care provided by the Fire Dept. and Maniilaq Air Ambulance – 442-3321 x7344.

Organizations with Local Offices

City: City of Kotzebue, P.O. Box 46, Kotzebue, AK 99752

Phone 907-442-3401, Fax 907-442-3742, e-mail: ngalstad@otz.net, Web: <http://www.kotzebuepolice.com/>

Electric Utility: Kotzebue Electric Association, P.O. Box 44, Kotzebue, AK 99752

Phone 907-442-3491, Fax 907-442-2482

Housing Authority: Northwest Inupiat Housing Auth, P.O. Box 331, Kotzebue, AK 99752

Phone 907-442-3450, Fax 907-442-3486, e-mail: nihaed@ptialaska.net

Regional Development: NW Arctic Economic Dev. Comm., P.O. Box 1110, Kotzebue, AK 99752

Phone 907-442-2500, Fax 907-442-2930, e-mail: denise_koutchak@yahoo.com

Regional Health Corporation: Maniilaq Assoc., P.O. Box 256, Kotzebue, AK 99752

Phone 907-442-3311, Fax 907-442-2381

Regional Native Corporation: NANA Regional Corp., 1001 E. Benson Blvd., Anchorage, AK 99508

Phone 907-265-4100, Fax 907-265-4311, Web: <http://www.nana-online.com/intro.htm>

Village Corporation: Kikiktagruk Inupiat Corp., P.O. Box 1050, Kotzebue, AK 99752

Phone 907-442-3165, Fax 907-442-2165

Village Council: Kotzebue IRA Council, P.O. Box 296, Kotzebue, AK 99752

Phone 907-442-3467, Fax 907-442-2162, e-mail: Kotzebue@smtp.ak.bia.gov or Kotzebue@aitc.org

Location & Climate

Kotzebue lies on the Baldwin Peninsula in Kotzebue Sound, on a 3-mile-long spit, which ranges in width from 1,100 to 3,600 feet. It is located near the discharges of the Kobuk and Noatak Rivers, 549 air miles northwest of Anchorage and 26 miles above the Arctic Circle, at approximately 66d 54m N Latitude, 162d 35m W Longitude (Sec. 03, T017N, R018W, Kateel River Meridian). Kotzebue is located in the transitional climate zone, which is characterized by long, cold winters and cool summers. The average low temperature during January is -12; the average high during July is 58. Temperature extremes have been measured from -52 to 85. Snowfall averages 40 inches, with total precipitation of 9 inches per year. Kotzebue Sound is ice-free from early July until early October.

Transportation

Accessibility: By barge, plane, boat and snowmachine, though air is the primary means of transportation year-round. The shipping season lasts 100 days, from early July to early October, when the Sound is ice-free. Due to river sediments deposited by the Noatak River 4 miles above Kotzebue, the harbor is shallow. There are 26 miles of local gravel roads, used by cars, trucks and motorcycles during the summer. Snowmachines are preferred in winter for local transportation.

Airport Facilities: The State-owned Ralph Wien Memorial Airport supports daily jet service to Anchorage and several air taxis to the region's villages. It has a 5,900' main paved runway and 3,900' crosswind gravel runway. Elevation 11'. A seaplane base is also operated by the State.

Airline Services: Alaska Airlines, Hagland; Baker Aviation; Cape Smythe Air; PenAir; Bering Air; Yute Air; Alaska Island Air.

Freight: Crowley Marine Services operates shallow draft barges to deliver cargo to area communities. The City of Kotzebue is the transfer point between ocean and inland shipping for northwest Alaska. It does not have a natural harbor, and is ice-free for only 3 months each year. Deep draft vessels must anchor 15 miles out, and cargo is lightered to the docking facility.

Vessel Support: Docking facility but no harbor.

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Coop, Inc.

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Internet Service Provider:** ACS Internet (www.acsalaska.net); GCI (www.gci.net); OTZ Telephone Coop, Inc. (www.otz.net)

TV Stations: ARCS; KUAC; KYAC **Radio Stations:** KOTZ-AM **Cable Provider:** GCI Cable, Inc.

Teleconferencing: Alaska Teleconferencing Network; Legislative Information Office

Electricity: Provided by Kotzebue Electric Association.

Fuel: Aviation, including Jet A, and regular gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Crowley Marine Services Tank Farm (6,200,000 gals.); Airport/Bering Air (20,000); Air Nat'l Guard (17,000); Pacific Alaska Fuel Services; Baker's Fuel; Hanson's; Bison Street; Lee's Auto; K.I.C.; NAPA Auto Parts.

Housing: Nullagvik Hotel (442-3331), Bayside Inn (442-3600), and Drake's Camp (442-2736)

Services: There are several restaurants, including at the Nullagvik and the Bayside, banking services, and several stores at which to get most any kind of supplies. The town also boasts a library, a National Park Service office, and the NANA Museum of the Arctic.

Water & Sewage: Water is supplied by the 150-million-gallon Vortac Reservoir, located one and a half miles from the city. After treatment, water is stored in a 1.5-million-gallon tank. The water is heated with a waste heat recovery system at the electric plant and distributed in circulating mains. Piped sewage is treated in a 32-acre zero discharge facultative lagoon west of the airport. Significant improvements are needed to this 30-year-old facility. Around 80% of homes are fully plumbed, and 521 homes are served by the city system. The 30-year-old PVC water and sewer mains are currently undergoing replacement.

Miscellaneous: There are three schools located in the community, attended by 928 students. A new transfer station and landfill with baler has recently been completed. Recycling and hazardous waste disposal have been improved. A wind energy demonstration project is underway.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – DOT&PF 442-3147

National Guard Armory – 442-3447

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Kotzebue is the service and transportation center for all villages in the northwest region. It has a healthy cash economy, a growing private sector, and a stable public sector. Due to its location at the confluence of three river drainages, Kotzebue is the transfer point between ocean and inland shipping. It is also the air transport center for the region. The majority of income is directly or indirectly related to government employment, such as the School District, Maniilaq Association, and the City and Borough. The Cominco Alaska Red Dog Mine is a significant regional employer. Commercial fishing for chum salmon and processing at Kotzebue Sound Area Fisheries provide some seasonal employment. Over 131 residents hold commercial fishing permits. Most residents rely on subsistence to supplement income.

Culture & Demographics

This site has been occupied by Inupiat Eskimos for at least 600 years. "Kikiktagruk" was the hub of ancient arctic trading routes long before European contact due to its coastal location near a number of rivers. Since the turn of the century, expansion of economic activities and services in the area have enabled Kotzebue to develop relatively rapidly. An Air Force Base and White Alice Communications System were later constructed. Approximately three-quarters of the population are Alaska Natives. A federally recognized tribe is located in the community. The residents of Kotzebue are primarily Inupiat Eskimos, and subsistence activities are an integral part of the lifestyle. Each summer, the North Tent City fish camp is set up to dry and smoke the season's catch. As a regional economic center, it offers a mixture of government, transportation, and other private sector businesses. The sale is banned in the City, although importation or possession of alcohol is allowed. During the April 1990 U.S. Census, there were 911 total housing units, and 147 of these were vacant. The official unemployment rate at that time was 13%, with 1,033 jobs estimated to be in the community and 41% of all adults not in the work force. The median household income was \$42,367, with 13% of residents living below the poverty level.

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KOYUK

Population: 289
Borough Located In: Unorganized

Incorporation Type: 2ND Class City
Regional Native Corporation: Bering Straits

Emergency Services

Police: 963-3541
State Troopers: 800-443-2835 (Nome)
Fire: 963-3441
Medical: Koyuk Health Clinic – 963-3311.

VPSO: 963-2441

Organizations with Local Offices

City: City of Koyuk, P.O. Box 53029, Koyuk, AK 99753
Phone 907-963-3441, Fax 907-963-3442
Village Corporation: Koyuk Native Corporation, P.O. Box 53050, Koyuk, AK 99753
Phone 907-963-3551, Fax 907-963-3552
Village Council: Native Village of Koyuk, P.O. Box 53030, Koyuk, AK 99753
Phone 907-963-3651, Fax 907-963-2653, e-mail: Koyuk@smtp.ak.bia.gov or Koyuk@aitc.org

Location & Climate

Koyuk is located at the mouth of the Koyuk River, at the northeastern end of Norton Bay on the Seward Peninsula, 90 air miles northeast of Nome, at approximately 64d 56m N Latitude, 161d 09m W Longitude (Sec. 32, T006S, R012W, Kateel River Meridian). Koyuk has a subarctic climate with a maritime influence. Average summer temperatures range from 46 to 62; winter temperatures average -8 to 8. Annual precipitation is 19 inches, including 40 inches of snowfall. Extremes from -49 to 87 have been recorded. Norton Bay is usually ice-free from May to October.

Transportation

Accessibility: By plane, small boat and snowmachine. No roads connect Koyuk with other villages, although an 18-mile road to Six Mile Point is under construction, and access is limited to air and sea.
Airport Facilities: A State-owned 3,000' gravel airstrip was recently improved. Elevation 130'.
Airline Services: Regular flight service from Nome and Unalakleet is available. Bering Air; Cape Smythe Air Service; Olson Air; Baker Air; Hageland Air; Arctic Transportation.
Freight: Supplies barged to Nome, delivered in smaller vessel, and lightered to shore.
Vessel Support: No dock in the village. (City is seeking a small boat harbor feasibility study.)

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska
Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone
Internet Service Provider: GCI (www.gci.net) **Teleconferencing:** Alaska Teleconferencing Network
TV Stations: ARCS **Radio Stations:** KICY-AM; KNOM-AM **Cable Provider:** City of Koyuk
Electricity: Provided by Alaska Village Electrical Cooperative.
Fuel: Gasoline, diesel, and propane.
Fuel Storage - Tank Owners (number of tanks, total capacity): Bering Straits Schools (10 @ 65,500 gals.); AVEC (8 @ 71,250); Koyuk Native Corp. (5 @ 98,800); City (2 @ 16,000); Unknown/beach (2 @ 6,500); ADOT/Airport (3,000).
Housing: No hotel, but lodging possibly available at the pool hall (963-3661).
Services: Groceries, clothing, first-aid supplies, hardware, and film available at the Beluga Store (963-3551) and the Koyuk Native Store (963-3451). Washeteria and pay phone available. No restaurants, banking facilities, major repair services, moorage facilities or rental transportation.

Water & Sewage: A piped water and sewer system was recently completed for the west side of town, serving 51 households. The east loop system is under construction. The school has requested funding to connect to the new sewer system, since its septic effluent is posing a health hazard. Funds have been requested to construct a new water plant and small washeteria.

Miscellaneous: There is one school located in the community, attended by 97 students. ADEC has approved the landfill for use, although it is not permitted.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 624-3261 (Unalakleet)

Other government facilities –

Local Spill Response Equipment:

Up to 25 boats and some sorbent pads may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. Koyuk River –
2. Norton Bay – Natural resources, fish, mammals
3. Homes near tank farms – Village residences

Economy

The Koyuk economy is based on subsistence, supplemented by limited part-time jobs. Unemployment is high. There is a small amount of commercial fishing, and some income is derived from reindeer herding. Fourteen residents hold commercial fishing permits. The main sources of meat are fish, reindeer, seal, beluga whale and moose.

Culture & Demographics

The site of "Iyatayet" on Cape Denbigh to the south has traces of early man that are 6,000 to 8,000 years old. The villagers were historically nomadic. Lt. Zagoskin of the Russian Navy noted the village of "Kuykhak-miut" here in 1842-44, and a Western Union Telegraph expedition in 1865 found the village of "Konyukmute." Around 1900, the present townsite began to be populated where supplies could easily be lightered to shore. In addition to gold, coal was mined a mile upriver to supply steam ships and for export to Nome. The first school began in the church in 1915; the U.S. government built a school in Koyuk in 1928. Nearly 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. Koyuk is a traditional Unalit and Malemiut Eskimo village that speaks a dialect of Inupiat Eskimo. They maintain a subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 70 total housing units, and 9 of these were vacant. At that time, the official unemployment rate was 37%, with 52 jobs estimated to be in the community and 65% of all adults not in the work force. The median household income was \$18,750, and 30% of residents were living below the poverty level.

MARY'S IGLOO

Population: None permanent - small summer population. **Incorporation Type:** Unincorporated
Borough Located In: Unorganized **Regional Native Corporation:** Bering Straits

Emergency Services

None

Organizations with Local Connection:

Village Corporation: Mary's Igloo Native Corporation, P.O. Box 572, Teller, AK 99778

Phone 907-642-3731

Village Council: Native Village of Mary's Igloo, P.O. Box 629, Teller, AK 99778

Phone 907-642-3731, Fax 907-642-2189, e-mail: MarysIgloo@aitc.org

Location & Climate

Mary's Igloo is located on the northwest bank of the Kuzitrin River, on the Seward Peninsula, northeast of Nome. It lies 40 miles southeast of Teller. Average summer temperatures range from 44 to 57, winter average -9 to 8, with extremes measured from -45 to 82.

Transportation

Accessibility: Mary's Igloo is accessible by riverboat in the summer and by winter trails. Snowmachines and dog teams are used over a well-established trail to Teller. There is no connecting road and no air transportation accessibility.

Facilities & Utilities

None

Spill Response Support

None

Economy

Mary's Igloo is a summer fish camp. There is no employment or commercial activity in Mary's Igloo.

Culture & Demographics

Natives of "Kauwerak," as the village was originally called, were Inupiaq Eskimos known as Kauweramiuts. This village was originally located about 15 miles downriver, but by 1900, Kauwerak was abandoned, and most Natives moved to Teller or Nome because of the schools and employment opportunities. Some settled at the present site, which they called "Aukvaunlook," meaning "black whale." During the gold prospecting boom, non-Natives renamed the village "Mary's Igloo," after an Eskimo woman named Mary, who welcomed miners, trappers and other newcomers into her home for coffee. Supplies for the gold fields upriver were transferred onto river boats here. A post office and store were opened in 1901. By 1910, Mary's Igloo became a large mixed community of Eskimos, white traders, miners, innkeepers, missionaries and support crews for barges. The flu epidemic of 1918-19, and a tuberculosis epidemic two years later, devastated the community. A Catholic orphanage, "Our Lady of Lourdes Mission," was opened at nearby Pilgrim Springs, and a Lutheran orphanage was built at nearby New Igloo. The BIA school closed in 1948 and the Alaska Native School was closed in 1952 for lack of students. The post office and store also closed in 1952. Mary's Igloo is a summer fish camp; many traditional villagers live in Teller. Villagers are interested in re-building the community, near the old site of Kauwerak.

NOATAK

Population: 423
Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City
Regional Native Corporation: NANA

Emergency Services

VPO: 485-3222

State Troopers: 800-789-3222 (Kotzebue)

Fire:

Medical: Noatak Health Clinic – 485-2162. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

Village Council: Noatak Village Council, P.O. Box 89, Noatak, AK 99761

Phone 907-485-2173, Fax 907-485-2137, e-mail: Noatak@smtp.ak.bia.gov or Noatak@aitc.org

Location & Climate

Noatak is located on the west bank of the Noatak River, 55 miles north of Kotzebue and 70 miles north of the Arctic Circle. This is the only settlement on the 396 mile-long Noatak River, just west of the 66-million acre Noatak National Preserve, at approximately 67d 34m N Latitude, 162d 58m W Longitude (Sec. 16, T025N, R019W, Kateel River Meridian). Noatak is located in the transitional climate zone. Temperatures average -21 to 15 during winter; 40 to 60 during summer. Temperature extremes have been recorded from -59 to 75. Snowfall averages 48 inches, with 10 to 13 inches of total precipitation per year. The Noatak River is navigable by shallow-draft boats from early June to early October.

Transportation

Accessibility: Noatak is primarily accessed by air. Small boats, ATVs and snowmachines are used extensively for local transportation. Many historic trails along the Noatak River are important today for inter-village travel and subsistence uses.

Airport Facilities: A State-owned 4,000' lighted gravel airstrip. Elevation 99'. No other airport facilities nor transportation to the village.

Airline Services: Cargo, mail and passenger services. Hagland; Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Alaska Island Air.

Freight: There is currently no barge service to Noatak.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Coop, Inc. **Internet Service Provider:** GCI (www.gci.net)

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Cable Provider:** Noatak IRA Council

TV Stations: ARCS **Radio Stations:** KOTZ-AM

Teleconferencing: Alaska Teleconferencing Network; Kotzebue Legislative Information Office

Electricity: Provided by Alaska Village Electric Cooperation.

Fuel: Gasoline and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (12 @ 91,900 gals.); NWAB Schools (15 @ 51,000); Alaska Native Store (6 @ 69,000); Noatak Fish Hatchery.

Housing: No hotel, but arrangements can be made for sleeping at the school or private homes.

Services: No restaurant, laundromat or banking facilities. Groceries, some clothing, hardware, and first-aid supplies available. No moorage facilities. Rental boats available.

Water & Sewage: Water is derived from the Noatak River and is treated. The primary well occasionally runs dry; groundwater wells have been unsuccessful in the area. A piped, recirculating water and sewer distribution system serves 77 homes, the school and businesses in Noatak. However, over half of the

homes cannot use the service due to lack of plumbing. These residents haul water and honeybuckets. The village has requested funding to upgrade and add plumbing facilities where necessary and to construct a washeteria.

Miscellaneous: There is one school located in the community, attended by 135 students. The landfill has recently been relocated west of the airport.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –
School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)
Other government facilities –

Local Spill Response Equipment:

Up to 25 boats, a backhoe, fuel truck, excavator, dump truck, and some sorbent pads may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. Noatak River – Subsistence lifestyle
2. Village school, clinic, store and airport – for usual reasons

Economy

Noatak's economy is principally based on subsistence, although the available employment is diverse. The school district, the city, Maniilaq Association, and four stores are the primary employers. Eight residents hold commercial fishing permits. During the summer, many families travel to seasonal fish camps at Sheshalik, and others find seasonal work in Kotzebue or fire-fighting. Chum salmon, whitefish, caribou, moose and waterfowl are harvested.

Culture & Demographics

Established as a fishing and hunting camp in the 19th century, the rich resources of this region enabled the camp to develop into a permanent settlement. The 1880 census listed the site as Noatagamut, which means "inland river people." Over 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. The village is Inupiat Eskimo. Subsistence activities are the central focus of the culture, and families travel to fish camps during the summer. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 85 total housing units, and 11 of these were vacant. The official unemployment rate at that time was 45%, with 56 jobs estimated to be in the community and 75% of all adults not in the work force. The median household income was \$36,458, and 17% of residents were living below the poverty level.

NOME

Population: 3620
Borough Located In: Unorganized

Incorporation Type: 1st Class City
Regional Native Corporation: Bering Straits

Emergency Services

Police: 443-5262

State Troopers: 443-5525 /2835/2441

Fire: 443-2310

Medical: Norton Sound Regional Hospital – 443-3311. Auxiliary health care provided by Nome Volunteer Ambulance Service, Inc – 443-3240; and Norton Sound Health Corp Medevac – 443-3311. There is 911 phone capability.

Organizations with Local Offices

Chamber of Commerce: Nome Chamber of Commerce, P.O. Box 250, Nome, AK 99762
Phone 907-443-3879, Fax 907-443-3879, Web: <http://www.alaska.net/~nome/>

City: City of Nome, P.O. Box 281, Nome, AK 99762

Phone 907-443-6663, Fax 907-443-5349,

e-mail: admin@ci.nome.ak.us, Web: <http://www.nomealaska.org/>

Economic Development: Nome Convention & Visitors Bureau, P.O. Box 240, Nome, AK 99762
Phone 907-443-5535, Fax 907-443-5832,

e-mail: tourinfo@ci.nome.ak.us, Web: <http://www.alaska.net/~nome/>

Economic Development: Norton Sound Economic Dev. Corp., 601 W. 5th Ave., #415, Anchorage, AK 99503, Phone 907-274-2248, Fax 907-274-2249

Housing Authority: Bering Straits Housing Authority, P.O. Box 995, Nome, AK 99762
Phone 907-443-5256, Fax 907-443-2160, e-mail: bsrha@nome.net

Regional Development: Bering Straits ARDOR Program, P.O. Box 948, Nome, AK 99762
Phone 907-443-9005, Fax 907-443-2591, e-mail: stadem@kawerak.org

Regional Health Corporation: Norton Sound Health Corp., P.O. Box 966, Nome, AK 99762
Phone 907-443-3311, Fax 907-443-3139, e-mail: crowder@nshcorp.org

Regional Native Corporation: Bering Straits Native Corp., P.O. Box 1008, Nome, AK 99762
Phone 907-443-5252, Fax 907-443-2985, Web: <http://www.beringstraits.com/>

Regional Native Non-Profit: Kawerak, Incorporated, P.O. Box 948, Nome, AK 99762
Phone 907-443-5231, Fax 907-443-3708

School District: Nome City Schools, Box 131, Nome, AK 99762-0131

Phone 907-443-2231, Fax 907-443-5144, e-mail: karen_ligon@mail.nps.k12.ak.us

Village Corporation: Sitnasuak Native Corporation, 179 Front Street, Nome, AK 99762
Phone 907-443-4030, Fax 907-443-3063, e-mail: r.fagerstrom@snc.org

Village Council: Nome Eskimo Community, P.O. Box 1090, Nome, AK 99762
Phone 907-443-2246, Fax 907-443-3539, e-mail: Nome@aitc.org

Other: Eskimo Walrus Commission, P.O. Box 948, Nome, AK 99762
Phone 907-443-5682, Fax 907-443-3708

Location & Climate

Nome sits along the Bering Sea, on the south coast of the Seward Peninsula, facing Norton Sound, at approximately 64d 30m N Latitude, 165d 25m W Longitude (Sec. 26, T011S, R034W, Kateel River Meridian). It lies 102 miles south of the Arctic Circle, 161 miles east of Russia, and 539 air miles northwest of Anchorage, a 75-minute flight. January temperatures range from -3 to 11; July temperatures are typically 44 to 65. Average annual precipitation is 18 inches, including 56 inches of snowfall.

Transportation

Accessibility: By barge, plane, boat and snowmachine, and by vehicle from several nearby towns. Nome is a regional center of transportation for surrounding villages. Local roads lead to Teller, Council, Taylor and the Kougarok River. The entire seaward side of the city is protected by a 3,350-foot-long sea wall of granite boulders.

Airport Facilities: The Nome Airport has two paved runways, one 6,000' in length, the other 5,500'. Elevation 36'. An \$8.5 million airport improvement project is nearing completion. The City Field offers a 1,950' gravel airstrip. Elevation 59'.

Airline Services: Alaska Airlines; Bering Air; Cape Smythe Air Service; Hageland; Olson; Grant; Arctic Transportation; Baker Aviation; Frontier; Evergreen Helicopters; Northern Air Cargo.

Freight: A port and berthing facilities accommodate vessels up to 18 feet of draft. Lighterage services distribute cargo to area communities.

Vessel Support: A port and berthing facilities can accommodate vessels up to 18 feet of draft, and the Corps of Engineers is currently designing a new harbor channel entrance and breakwater. Local development groups and the city are funding harbor dredging, two seasonal floating docks, and a boat launch.

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska **Cable Provider:** GCI Cable, Inc.

Long-Distance Phone: AT&T Alascom; GCI **Internet Service Provider:** GCI (www.gci.net); Nome.net

(www.nome.net) **Teleconferencing:** Alaska Teleconferencing Network; Legislative Information Office

TV Stations: ARCS; KUAC; KYAC **Radio Stations:** KICY-AM/FM; KNOM-AM/FM

Electricity: Provided by Nome Joint Utility Systems

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Chevron/Arctic Lighterage (5,233,000 gals.); Bonanza Fuel (3,055,000); Air Nat'l Guard (20,000).

Housing: Nome Nugget Inn; Polaris Hotel; Nanuaq Manor; Ponderosa Inn; Mai's Guest House; Aurora Executive Suites; Oceanview Manor; Chateau de Cape Nome; Golden Sands Guest House; Serenity Lodge; Trails End; June's B & B; No Place Like Nome B&B; Sweat Dreams B&B; Weeks Apartments (Nome Convention and Visitors Bureau 443-5535).

Services: Groceries, clothing, first-aid supplies, hardware, and film available at several local stores. There are a number of restaurants, a bank, laundry and shower facilities. Rental transportation includes autos, off-road vehicles, boats, and charter aircraft. Car rental companies include Budget, Stampede, and Bonanza. Taxis include Checker, Nome Cab, Gold Rush, and Alaska Cab.

Water & Sewage: A well at Moonlight Springs supplies water, which is treated at the Snake River Power Plant and stored in a 50,000-gallon tank. A million-gallon back-up tank is also available. Water is heated and pumped to residences via a wooden utilidor; trucks also deliver water. Sewage is piped from most homes. Over 95% of residences currently have complete plumbing. Construction has begun on a six-phase upgrade -- to drill additional wells at Moonlight Springs, to replace the water storage tank and pumping station, and to replace the 1960's-era wooden utilidor distribution system with buried Arctic piping. The city wants to develop a water source closer to New Town. Some homes still haul their own honeybuckets (service is not provided) and have water delivered to home tanks. Funds have been requested to expand water and sewer to these areas.

Miscellaneous: There are five schools located in the community, attended by 774 students. Refuse collection services are provided by a contractor and hauled to a new landfill on Beam Road.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –
School –

Potential Staging Areas:

Airports – DOT&PF 443-2500
National Guard Armory – 443-6263
Other government facilities – DOT&PF 443-3520

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Nome is the center of the Bering Strait/Seward Peninsula region. Government services provide the majority of employment. Less than 50 residents hold commercial fishing permits. Retail services, transportation, mining, medical and other businesses provide year-round income. Alaska Gold Company operates a placer gold mine that provides some employment. Subsistence activities contribute to the local diet.

Culture & Demographics

Malemiut, Kauweramiut and Unalikmiut Eskimos, with a well-developed culture adapted to the environment, have occupied the Seward Peninsula historically. Gold discoveries in the Nome area had been reported as far back as 1865 by Western Union surveyors seeking a route across Alaska and the Bering Sea. But it was a \$1500-to-the-pan gold strike on tiny Anvil Creek in 1898, and two years later the discovery of gold on the beaches, that brought thousands of miners. Almost overnight an isolated stretch of tundra fronting the beach was transformed into a tent-and-log cabin city of 20,000 prospectors, gamblers, claim jumpers, saloon keepers, and prostitutes. The gradual depletion of gold, a major influenza epidemic in 1918, the depression, and finally World War II, each influenced Nome's population. A disastrous fire in 1934 destroyed most of the city. The population of Nome is a mixture of Eskimos and non-Natives, over half of whom are Alaska Natives. Former villagers from King Island also live in Nome. A federally recognized tribe is located in the community. Although many employment opportunities are available, subsistence activities are prevalent in the community. During the April 1990 U.S. Census, there were 1,334 total housing units, and 215 of these were vacant. The official unemployment rate at that time was 11%, with 1,570 jobs estimated to be in the community and 36% of all adults not in the work force. The median household income was \$45,812, and 10% of residents were living below the poverty level.

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NOORVIK

Population: 634

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

VPSO: 636-2173

State Troopers: 800-789-3222 (Kotzebue)

Search and Rescue: 636-2345

Fire: 636-3222

Medical: Noorvik Health Clinic – 636-2103. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Noorvik, P.O. Box 146, Noorvik, AK 99763

Phone 907-636-2100, Fax 907-636-2135

Village Council: Noorvik Native Community, P.O. Box 71, Noorvik, AK 99763

Phone 907-636-2144, Fax 907-636-2284, e-mail: Norvik@smtp.ak.bia.gov or Norvik@aitc.org

Location & Climate

Noorvik is located on the right bank of the Nazuruk Channel of the Kobuk River, 33 miles northwest of Selawik and 45 miles east of Kotzebue. The village is downriver from the 1.7-million acre Kobuk Valley National Park, and lies at approximately 66d 50m N Latitude, 161d 03m W Longitude (Sec. 27, T017N, R011W, Kateel River Meridian). Located in the transitional climate zone, temperatures average -10 to 15 during winter; 40 to 65 during summer. Temperature extremes have been recorded from -54 to 87. Snowfall averages 60 inches, with 16 inches of total precipitation per year. The Kobuk River is navigable from early June to mid-October.

Transportation

Accessibility: By plane, snowmachine, and shallow-draft vessels. There are no roads linking the village to other parts of the state. Boats are used for inter-village travel and subsistence activities. ATVs and snowmachines are common means of local transportation.

Airport Facilities: The State-owned Robert Curtis Memorial Airport has a 3,200' lighted gravel runway and a 2,600' gravel crosswind runway. Elevation 63'. The airport is the second-largest in the borough; a new \$5 million airport is under construction.

Airline Services: Hagland; Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Alaska Island Air.

Freight: Crowley Marine Services barges fuel and supplies during the summer.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Coop, Inc. **Internet Service Provider:** GCI (www.gci.net)

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Cable Provider:** City of Noorvik

TV Stations: ARCS **Radio Stations:** KOTZ-AM

Teleconferencing: Alaska Teleconferencing Network; Kotzebue Legislative Information Office

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): School District (108,000 gals.); City (24,000); Native Corp. Store (135,000); Morris Trading Post (50,000).

Housing: The Morris Hotel (636-2199).

Services: Groceries, clothing, first-aid supplies, hardware, and film available (Noorvik Native Store, 636-2212; Morris Trading Post, 636-2161). One restaurant but no banking facilities. Rental transportation includes autos, off-road vehicles, and boats.

Water & Sewage: Water is pumped from the Kobuk River to the water treatment/utility building and stored in a tank. From there, a pressurized circulating system distributes water in utilidors. Groundwater wells have proven unsuccessful. Noorvik has a vacuum sewer system in which waste is carried by air instead of water. Vacuum pressure pumps the sewage to the 60,000-gal. collection and treatment plant. The system requires special toilets and water valves that collect wastewater from the sinks, toilets and showers. Over 100 homes, the school and businesses are served. Funds have been requested to connect and plumb the remaining 16 unserved homes on the south side of town and along River Road.

Miscellaneous: There is one school located in the community, attended by 243 students. A new landfill and access road are under development.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)

Other government facilities –

Local Spill Response Equipment:

Several boats, a backhoe, loader, and dump trucks may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. Schools and other areas with children
- 2.

Economy

Subsistence, which includes caribou, fish, moose, waterfowl and berries, is the major focus of the Noorvik economy. The primary local employers are the school district, the city, Maniilaq Association, the health clinic, and two stores. Seasonal employment at the Red Dog Mine, BLM fire fighting, or work in Kotzebue supplement income. Seven residents hold commercial fishing permits.

Culture & Demographics

Noorvik means "a place that is moved to." The village was established in the early 1900s by Kowagmuit Inupiat Eskimo fishermen, hunters from Deering, and transplants from the village of Oksik, a few miles upriver. Nearly 94% of the population are Alaska Natives. A federally recognized tribe is located in the community. Noorvik is primarily an Inupiat Eskimo community with a subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 138 total housing units, and 31 of these were vacant. The official unemployment rate at that time was 17%, with 127 jobs estimated to be in the community and 60% of all adults not in the work force. The median household income was \$32,969, and 17% of residents were living below the poverty level.

SAINT MICHAEL

Population: 368

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPSO: 923-2284

State Troopers: 800-443-2835 (Nome)

Fire:

Medical: Saint Michael Health Clinic – 923-3311.

Organizations with Local Offices

City: City of Saint Michael, P.O. Box 59070, St. Michael, AK 99659

Phone 907-923-3222, Fax 907-923-2284, e-mail: vrwshgton@aol.com

Village Corporation: St. Michael Native Corporation, P.O. Box 49, St. Michael, AK 99659

Phone 907-923-3143, Fax 907-923-3142

Village Council: Native Village of St. Michael, P.O. Box 58, St. Michael, AK 99659

Phone 907-923-2304, Fax 907-923-2406, e-mail: StMichael@aitc.org

Location & Climate

St. Michael is located on the east coast of St. Michael Island in Norton Sound, approximately 125 miles southeast of Nome and 48 miles southwest of Unalakleet. It lies at approximately 63d 29m N Latitude, 162d 02m W Longitude (Sec. 24, T023S, R018W, Kateel River Meridian). St. Michael has a subarctic climate with maritime influences during the summer when rain and fog are common. Summer temps average 40 to 60; winters average -4 to 16. Extremes recorded from -55 to 70°. Annual precipitation is 12 inches, with snowfall of 38 inches. Norton Sound is ice free from early June to mid-November.

Transportation

Accessibility: By plane, boat and snowmachine. A 10.5-mile road exists to Stebbins. There are no roads linking the town to other parts of the state. It is near the Yukon River delta and has a good natural harbor, but no dock. ATVs and snowmachines are commonly used in winter.

Airport Facilities: A State-owned 4,000' gravel airstrip (elevation 30'), complemented by seaplane base.

Airline Services: Flights available from Nome and Unalakleet: Cape Smythe Air Service.

Freight: Saint Michael receives at least one annual shipment of bulk cargo. Lighterage service is provided on a frequent basis from Nome.

Vessel Support: No dock, but does offer a good natural harbor.

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone

Internet Service Provider: GCI (www.gci.net) **Teleconferencing:** Alaska Teleconferencing Network

TV Stations: ARCS **Radio Stations:** KICY-AM; KNOM-AM **Cable Provider:** None

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: No information.

Fuel Storage - Tank Owners (number of tanks, total capacity): Bering Strait Schools (10 @ 80,500 gals.); AVEC (10 @ 76,000); City (23,000); Alaska Commercial Co. (20,000).

Housing: Arrangements can sometimes be made for sleeping at the school or private homes (school principal, 923-3041).

Services: There is a washeteria, but no hotel, restaurant or banking facilities. Some supplies available.

Water & Sewage: Water is derived from Clear Lake, treated and stored in a 1.2 million-gallon tank. A

new sanitation system is under construction to provide water delivery/holding tanks for homes, a piped gravity sewer system with septic treatment, and household plumbing. Presently, 44 homes are served by the new system, and another 37 houses are being connected. These unserved residents currently haul treated water and use honeybuckets. Funds have been requested to expand the washeteria. DEC has approved the landfill for use, although it is not permitted.

Miscellaneous: There is one school located in the community, attended by 125 students

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 6243261 (Unalakleet)

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The Saint Michael economy is based on subsistence food harvests supplemented by part-time wage earning. Most cash positions are found in city government, the IRA council and village corporation, schools, and local stores. Eight residents hold commercial fishing permits, primarily for the herring fishery. Stebbins and St. Michael jointly manage a herd of reindeer.

Culture & Demographics

The Russian-American Company built a fortified trading post called "Redoubt St. Michael" at this location in 1833; it was the northernmost Russian settlement in Alaska. The Native village of "Tachik" stood to the northeast. When the Russians left Alaska in 1867, several of the post's traders remained. "Fort St. Michael," a U.S. military post, was established in 1897, and during that year's gold rush, it was a major gateway to the interior via the Yukon River. As many as 10,000 persons were said to live in St. Michael during the gold rush. The town was also a popular trading post for Eskimos to trade their goods for Western supplies. The village remained an important trans-shipment point until the Alaska Railroad was built. There are many historic remnants about the area, and the old U.S. fort and the Russian redoubt are on the National Register of Historic Places. Over 90% of the population are Alaska Natives. A federally recognized tribe is located in the community. Saint Michael's population is largely Yup'ik Eskimo today, and many residents are descendants of Russian traders. Seal, beluga whale, moose, caribou, fish and berries are important staples. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 78 total housing units, and 9 of these were vacant. The official unemployment rate at that time was 23%, with 74 jobs estimated to be in the community and 60% of all adults not in the work force. The median household income was \$23,194, and 21% of the residents were living below the poverty level.

SAVOONGA

Population: 652

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Not applicable.

Emergency Services

Police: 984-6011

State Troopers: 800-443-2835 (Nome)

Fire: 984-6234

Medical: Savoonga Health Clinic – 984-6513. Auxiliary health care provided by Savoonga First Responders/Rescue Team (984-6234).

Organizations with Local Offices

City: City of Savoonga, P.O. Box 40, Savoonga, AK 99769

Phone 907-984-6614, Fax 907-984-6411

Economic Development: St. Lawrence Island Economic Development Co., P.O. Box 169, Savoonga, AK 99769, Phone 907-984-6614

Village Corporation: Savoonga Native Corporation, P.O. Box 160, Savoonga, AK 99769

Phone 907-984-6613

Village Council: Native Village of Savoonga, P.O. Box 120, Savoonga, AK 99769

Phone 907-984-6414, Fax 907-984-6027, e-mail: Savoonga@smtp.ak.bia.gov or Savoonga@aitc.org

Location & Climate

Savoonga is located on the northern coast of St. Lawrence Island in the Bering Sea, 164 miles west of Nome and 39 miles southeast of Gambell. It lies at approximately 63d 42m N Latitude, 170d 29m W Longitude (Sec. 08, T021S, R061W, Kateel River Meridian). Savoonga has a subarctic maritime climate with some continental influences during the winter. Summer temperatures average 40 to 51; winters average -7 to 11. Temperature extremes from -34 to 67 have been recorded. Average precipitation is 10 inches annually, with 58 inches of snowfall. The island is subject to prevailing winds, averaging 18 MPH. Freeze-up on the Bering Sea occurs in mid-November, with break-up in late May.

Transportation

Accessibility: Savoonga's isolated location on an island with no seaport and iced-in conditions during the winter mean a dependence on air transport.

Airport Facilities: A State-owned 4,000' gravel airstrip, undergoing major improvements. Elevation 53'.

Airline Services: Regular air service is available from Nome and Unalakleet: Baker Aviation; Bering Air; Olson Air; Cape Smythe Air Service; Arctic Transportation.

Freight: No barge service; supplies must be lightered from Nome and off-loaded on the beach.

Vessel Support: There is no dock.

Facilities & Utilities

Communications: **In-State Phone:** United Utilities Inc. **Teleconferencing:** Alaska Teleconferencing Network

Long-Distance Phone: AT&T Alascom; United Utilities **Radio Stations:** KICY-AM; KNOM-AM

TV Stations: ARCS **Internet Service Provider:** School Only - GCI (www.gci.net)

Cable Provider: Frontier Cable, Inc.

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, kerosene, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Village Council & Store (216,600 gals.); Ber St Schools (19 @ 138,590); AVEC (16 @ 133,500); City (46,600); PHS Clinic (4,600).

Housing: Alanga Lodge. Alowa's Lodge. Accommodations may be available at a city or school facility;

contact the city administration.

Services: . Groceries, clothing, first-aid supplies, hardware, and film available (Savoonga Native Store, 984-6132/6134). Washeteria with showers available. Arrangements can be made to rent off-road vehicles.

Water & Sewage: Well water is treated and stored in a 100,000-gallon tank at the washeteria. A new circulating water and sewer utilidor system, including household plumbing, came on-line in January 1999 serving 45 residents; the remaining 32 homes currently haul water and honeybuckets. Twenty new HUD housing units on the west side are plumbed, but need to be connected to the system. The clinic and school have independent wells and septic systems.

Miscellaneous: There is one school located in the community, attended by 186 students. A new landfill was recently completed.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –
School –

Potential Staging Areas:

Airport – 443-2500 (Nome)
National Guard Armory – 984-6415
Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The economy of Savoonga is largely based upon subsistence hunting of walrus, seal, fish and bowhead and gray whale, with some cash income. Ten residents hold commercial fishing permits, and a fish processing facility was recently completed. Reindeer harvests occur, but the herd is not managed. Fox are trapped as a secondary source of income. Islanders are known for their quality ivory carvings. Some tourism occurs by bird-watchers.

Culture & Demographics

St. Lawrence Island has been inhabited intermittently for the past 2,000 years by both Alaskan and Siberian Yup'ik Eskimos. The island had numerous villages with a total population of around 4,000 by the 19th century, though the population was severely reduced by a tragic famine in 1878-80. In 1900 a herd of reindeer was moved to the island, and by 1917 this herd had grown to over 10,000 animals. When the Alaska Native Claims Settlement Act (ANCSA) was passed in 1971, Gambell and Savoonga decided not to participate, and instead opted for title to the 1.136 million acres of land in the former St. Lawrence Island Reserve. The island is jointly owned by Savoonga and Gambell. Over 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. It is a traditional Eskimo village with a subsistence lifestyle surrounding walrus and whale hunting. Savoonga is hailed as the "Walrus Capitol of the World." Due to the island's isolation, most residents are bilingual. Islanders today have successfully mixed the past with the present. The sale, importation and possession of alcohol are banned in the village. During the April 1990 U.S. Census, there were 129 total housing units, and 13 of these were vacant. The official unemployment rate at that time was 15%, with 94 jobs estimated to be in the community and 72% of all adults not in the work force. The median household income was \$11,339, and 51% of residents were living below the poverty level.

SELAWIK

Population: 792

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

VPSO: 484-2229

State Troopers: 800-789-3222 (Kotzebue)

Search and Rescue: 484-2211

Fire:

Medical: Selawik Health Clinic – 484-2199. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Selawik, P.O. Box 99, Selawik, AK 99770

Phone 907-484-2132, Fax 907-484-2209, e-mail: cos1@gci.net

Village Council: Selewick IRA Council, P.O. Box 59, Selawik, AK 99770

Phone 907-484-2225, Fax 907-484-2226, e-mail: Selawik@smtp.ak.bia.gov or Selawik@aitc.org

Location & Climate

Selawik is located at the mouth of the Selawik River where it empties into Selawik Lake, about 70 miles southeast of Kotzebue, some 670 miles northwest of Anchorage. The city lies at approximately 66d 36m N Latitude, 160d 00m W Longitude (Sec. 20, T014N, R006W, Kateel River Meridian), which is near the Selawik National Wildlife Refuge, a key breeding and resting spot for migratory waterfowl. The area is a transitional climate zone and temperatures average -10 to 15 during winter, 40 to 65 during summer. Temperature extremes have been recorded from -50 to 83. Snowfall averages 35 to 40 inches, with 10 inches of total precipitation per year. The Selawik River is navigable from early June to mid-October.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. There are no roads linking the village to other parts of the state. Boats are used for inter-village travel and subsistence activities; ATVs and snowmachines are commonly used in winter. Boardwalks have been constructed within the village.

Airport Facilities: The Roland Norton Memorial Airport, located 12 miles from the community, provides a 3,000' gravel runway owned by the city. Elevation 360'. Also, the State owns a 3,000' gravel airstrip with a 2,670' crosswind strip.

Airline Services: Scheduled flights are available to Kotzebue and area villages: Hagland; Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Alaska Island Air.

Freight: Crowley Marine Services ships freight upriver from Kotzebue each summer.

Vessel Support: Docking facilities and a barge landing area exist.

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Co-op, Inc. **Internet Service Provider:** GCI (www.gci.net)

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone

Radio Stations: KOTZ-AM **Cable Provider:** City of Selawik **TV Stations:** ARCS

Teleconferencing: Alaska Teleconferencing Network; Kotzebue Legislative Information Office

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): NWAB Schools (141,000 gals.); AVEC (130,500); Village Corp./IRA Fuel Project (167,000); Rotman Stores (130,079).

Housing: Contact the city office to arrange for accommodations in private homes or at the school.

Services: Groceries, clothing, first-aid supplies, hardware, and film available. No restaurant or banking facilities.

Water & Sewage: A new water and sewer system is under construction. A central treatment and washeteria facility pumps water from the Selawik River, providing up to 8,000 gallons a day. Groundwater wells have been unsuccessful. A 3-mile distribution line is available during the summer. A circulating water and vacuum sewer system was recently completed; fifty-three homes in the western area of town and new HUD housing have been plumbed and connected. About thirty homes yet to be served use honeybuckets.

Miscellaneous: There is one school located in the community, attended by 253 students. The landfill is not permitted and needs to be relocated.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)

National Guard Armory – 484-2223

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The primary employers in the community include the school, the city, the IRA council, Maniilaq Association, and three grocery stores. Seasonal work is also found outside of Selawik at the Red Dog Mine, BLM fire fighting, and in lighterage operations. Four residents hold commercial fishing permits. Inhabitants of Selawik subsist mainly on whitefish, sheefish, caribou, moose, ducks, ptarmigan and berries. Occasionally, bartered seal and beluga whale supplement the diet.

Culture & Demographics

The Imperial Russian Navy first reported the village in the 1840s as "Chilivik;" Selawik is an Eskimo name for a species of fish. Around 1908, the site had a small wooden schoolhouse and church. The village has continued to grow and has expanded across the Selawik River onto three banks, linked by bridges. Approximately 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. Selawik is an Inupiat Eskimo community active in traditional subsistence fishing and hunting. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 154 total housing units, and 25 of these were vacant. The official unemployment rate at that time was 31%, with 99 jobs estimated to be in the community and 67% of all adults not in the work force. The median household income was \$21,833, and 23% of residents were living below the poverty level.

SHAKTOOLIK

Population: 227

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

Police: 955-3661

State Troopers: 800-443-2835 (Nome)

Fire: 955-3661

Medical: Shaktoolik Health Clinic – 955-3311. (A new clinic is under construction.)

VPSO: 624-3646 (Unalakleet)

Organizations with Local Offices

City: City of Shaktoolik, P.O. Box 10, Shaktoolik, AK 99771

Phone 907-955-3441, Fax 907-955-3221

Village Corporation: Shaktoolik Native Corporation, P.O. Box 46, Shaktoolik, AK 99771

Phone 907-955-3241, Fax 907-955-3243

Village Council: Native Village of Shaktoolik, P.O. Box 100, Shaktoolik, AK 99771-0100

Phone 907-955-3701, Fax 907-955-2352, e-mail: Shaktoolik@smtp.ak.bia.gov or Shaktoolik@aitc.org

Location & Climate

Shaktoolik is located on the east shore of Norton Sound, 125 miles east of Nome and 33 miles north of Unalakleet. It lies at approximately 64° 20' N Latitude, 161° 09' W Longitude (Sec. 23, T013S, R013W, Kateel River Meridian). Shaktoolik has a Subarctic climate with maritime influences when Norton Sound is ice-free, usually from May to October. Summer temperatures average 47 to 62; winter temperatures average -4 to 11. Extremes from -50 to 87 have been recorded. Average annual precipitation is 14 inches, including 43 inches of snowfall.

Transportation

Accessibility: By plane, boat and snowmachine. There are no roads linking the community to other parts of the state. Boats are used for inter-village travel and subsistence activities. Snowmachines and ATVs are commonly used in winter; motorbike, truck and boat in the summer.

Airport Facilities: A State-owned 2,220' gravel airstrip (elevation 15') allows for regular air service from Nome. Plans are underway to relocate the airstrip, which is 3 miles northwest of town.

Airline Services: Cape Smythe Air Service

Freight: Cargo is barged into Nome, then lightered to local shore from there.

Vessel Support: No docking facilities.

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska **Cable Provider:** Shaktoolik Native Corp

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone

Internet Service Provider: GCI (www.gci.net) **TV Stations:** ARCS **Radio Stations:** KICY-AM; KNOM-AM

Teleconferencing: Alaska Teleconferencing Network

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (7 @ 79,270 gals.); Village Corp. (8 @ 199,390)

Housing: No hotel; accommodations may be possible at a seasonal B&B, private homes, or the school.

Services: No restaurant or banking facilities. A laundromat with showers available. Groceries, clothing, first-aid supplies, hardware, and film generally available.

Water & Sewage: Water is pumped three miles from the Togoomenik River to the pumphouse, where it is treated and stored in a 848,000-gallon insulated tank. A piped water and sewage collection system serves most homes. Three-quarters of the households have complete plumbing and kitchen facilities. The school has received funding to develop a community-wide sewage treatment system.

Miscellaneous: There is one school located in the community, attended by 71 students. The city burns refuse in an incinerator. The landfill needs to be relocated; the current site is not permitted.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 624-3261 (Unalakleet)

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The Shaktoolik economy is based on subsistence, supplemented by part-time wage earnings. Commercial fishing is on the increase and provides a major source of income. Development of a new fish processing facility is a village priority; 32 residents hold commercial fishing permits. Reindeer herding also provides income and meat. Salmon, moose, whale, seal and rabbit provide other food sources.

Culture & Demographics

Shaktoolik was the first and southernmost Malemiut settlement on Norton Sound, occupied as early as 1839. Twelve miles northeast, on Cape Denbigh, is "Iyatayet," a site that is 6,000 to 8,000 years old. Nearly 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. It is a Malemiut Eskimo village with a fishing and subsistence lifestyle. Resources include seal, beluga whale, caribou, reindeer, moose and fish. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 58 total housing units, and 12 of these were vacant. The official unemployment rate at that time was 32%, with 47 jobs estimated to be in the community and 54% of all adults not in the work force. The median household income was \$18,438, and 23% of residents were living below the poverty level.

SHISHMAREF

Population: 547

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPSO: 649-3411

State Troopers: 800-443-2835 (Nome)

Search and Rescue: 649-2160

Fire:

Medical: Shishmaref Health Clinic – 649-3311. Auxiliary health care provided by city Volunteer Fire Department/Emergency Services.

Organizations with Local Offices

City: City of Shishmaref, P.O. Box 83, Shishmaref, AK 99772

Phone 907-649-3781, Fax 907-649-2131

Village Corporation: Shishmaref Native Corporation, General Delivery, Shishmaref, AK 99772

Phone 907-649-3751, Fax 907-649-3731

Village Council: Native Village of Shishmaref, P.O. Box 72110, Shishmaref, AK 99772

Phone 907-649-3751, Fax 907-649-3731, e-mail: Shishmaref@smtp.ak.bia.gov or Shishmaref@aitc.org

Location & Climate

Shishmaref is located on Sarichef Island, in the Chukchi Sea, just north of Bering Strait, five miles from the mainland, twenty miles south of the Arctic Circle, 126 miles north of Nome and 100 miles southwest of Kotzebue. Shishmaref is surrounded by the 2.6 million acre Bering Land Bridge National Reserve and has been proposed to become part of the Beringian National Heritage Park, endorsed by Presidents Bush and Gorbachev in 1990. It lies at approximately 66d 15m N Latitude, 166d 04m W Longitude (Sec. 23, T010N, R035W, Kateel River Meridian). The area experiences a transitional climate between the frozen arctic and the continental Interior. Summers can be foggy, with average temperatures ranging from 47 to 54; winter temperatures average -12 to 2. Average annual precipitation is about 8 inches, including 33 inches of snow. The Chukchi Sea is frozen from mid-November through mid-June.

Transportation

Accessibility: Shishmaref's primary link to the rest of Alaska is by air, though most people own boats for trips to the mainland.

Airport Facilities: An unattended, State-owned 5000' paved runway is available. Elevation 10'.

Airline Services: Bering Air; Olson Air; Cape Smythe Air Service; Baker Aviation; Grant Air; ATS (freight).

Freight: Services available from Nome.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone **Cable Provider:** Shishmaref Village Corp.

Internet Service Provider: GCI (www.gci.net); Nome.net (www.nome.net)

TV Stations: ARCS **Radio Stations:** KOTZ-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Bering Straits Schools (3 @ 50,900); AVEC (14 @ 114,700); City (212,800).

Housing: Accommodations possible at the city hall and the school (floor), the Nayokpuk General Store

(trailer), the Lutheran Church, and some private homes.

Services: Groceries, clothing, first-aid supplies, hardware, and film available at Shishmaref Native Store and Nayokpuk General Store. Food is available at a snack bar. Washeteria available, but no banking services or rental transportation.

Water & Sewage: Water is derived from a surface source, treated and stored in a new tank. Shishmaref is undergoing major improvements, including the construction of a flush/haul system and household plumbing; nineteen HUD homes have been completed, and 71 homes remain. This new system provides water delivery, but the unserved homes continue to haul water. Honeybuckets and the new flush tanks are hauled by the city. The school, clinic, Friendship Center, city hall and fire hall are connected to a sewage lagoon.

Miscellaneous: There is one school located in the community, attended by 179 students. An access road is under construction for a planned new landfill

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 443-2500 (Nome)

National Guard Armory – 649-3891

Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The Shishmaref economy is based on subsistence supplemented by part-time wage earnings. One resident holds a commercial fishing permit. Year-round jobs are limited, and villagers rely on fish, walrus, seal, polar bear, rabbit, and other subsistence foods. Two reindeer herds are managed from here; the reindeer skins are tanned locally, and meat is available at the village store. The Friendship Center, a cultural center and carving facility, was recently completed for local artisans.

Culture & Demographics

Excavations at "Keekiktuk" by archaeologists around 1821 provided evidence of Eskimo habitation from several centuries ago. After 1900, when a supply center was established to serve gold mining activities on the Seward Peninsula, the village was renamed for Shishmarev Inlet. During October 1997, a severe storm eroded over 30 feet of the north shore, threatening the loss of 14 homes and destroying many winter food caches. Nearly 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. It is a traditional Eskimo village with a fishing and subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 136 total housing units, and 17 of these were vacant. The official unemployment rate at that time was 18%, with 91 jobs estimated to be in the community and 65% of all adults not in the work force. The median household income was \$15,625, and 27% of residents were living below the poverty level.

SHUNGNAK

Population: 257

Borough Located In: Northwest Arctic

Incorporation Type: 2ND Class City

Regional Native Corporation: NANA

Emergency Services

Police: 437-2147/3222

State Troopers: 800-789-3222 (Kotzebue)

Fire: 437-3222

Medical: Shungnak Health Clinic – 437-2138. Auxiliary health care provided by flight to Kotzebue.

Organizations with Local Offices

City: City of Shungnak, P.O. Box 59, Shungnak, AK 99773

Phone 907-437-2161, Fax 907-437-2176

Village Council: Native Village of Shungnak, P.O. Box 64, Shungnak, AK 99773

Phone 907-437-2163, Fax 907-437-2183 , e-mail: Shungnak@aitc.org

Location & Climate

Shungnak is located on the right bank of the Kobuk River about 150 miles east of Kotzebue, at approximately 66d 52m N Latitude, 157d 09m W Longitude (Sec. 09, T017N, R008E, Kateel River Meridian). Temperatures average -10 to 15 during winter; 40 to 65 during summer. Temperature extremes have been recorded from -60 to 90. Snowfall averages 80 inches, with 16 inches of total precipitation per year. The Kobuk River is navigable from the end of May to mid-October.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. There are no roads linking the city to other parts of the state, though trails along the river are still used for inter-village travel. Boats, ATVs, snowmachines, and dog sleds are used for inter-village travel and subsistence activities.

Airport Facilities: A State-owned 3,160' lighted gravel airstrip. Elevation 200'. Major airport improvements are underway.

Airline Services: Hagland; Baker Aviation; Cape Smythe Air; Bering Air; Yute Air; Alaska Island Air.

Freight: Fuel and supplies are barged in each summer by Crowley Marine Services of Kotzebue.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** OTZ Telephone Co-op, Inc. **Internet Service Provider:** GCI (www.gci.net)

Long-Distance Phone: AT&T Alascom; GCI; OTZ Telephone **Cable Provider:** City of Shungnak

TV Stations: ARCS **Radio Stations:** KOTZ-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, kerosene, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (14 @ 113,600 gals.); Native Store (7 @ 59,000); NWAB Schools (5 @ 53,000); Unknown (31,200).

Housing: Accommodations and other services available at Commack Lodge & Store (437-2157) and Shungnak Lodge,

Services: Groceries, and supplies available at Shungnak Native Store (437-2148) and Commack's. Laundromat available but no banking facilities.

Water & Sewage: The water infiltration gallery was destroyed by ice several years ago and needs replacement. A reservoir is intermittently filled from the Kobuk River – a portable pump fills a 200,000-gallon steel storage tank through 1,110' of buried arctic pipe. Groundwater wells have proven unsuccessful. Piped water and sewer are provided to 53 homes (those at the top of the bluff), the clinic,

school and community building. Shungnak has a 6-inch buried gravity sewage main, which drains into a small, diked lake one-half mile northwest of the city. The effluent is chlorinated before discharge.

Miscellaneous: There is one school located in the community, attended by 95 students. A new city-operated landfill has recently been completed, but it is not permitted by ADEC.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 442-3147 (Kotzebue)

National Guard Armory – 437-2168

Other government facilities –

Local Spill Response Equipment:

Some boats and sorbent pads may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. Local river and its tributaries – Drinking water

2.

Economy

Most full-time employment is with the school district, the city, Maniilaq Association, two stores and a lodge. BLM provides seasonal employment in fire fighting, hiring over 30 residents each year. Shungnak subsists mainly on fishing, hunting and trapping, with food sources that include sheefish, whitefish, caribou, moose, ducks and berries. Shungnak also has a strong arts and crafts industry.

Culture & Demographics

Founded in 1899 as a supply point for mining activities in the Cosmos Hills, this Inupiat Eskimo village was forced to move in the 1920s because of river erosion and flooding. The old site, 10 miles upstream, was renamed Kobuk by those who remained there. The new village was named "Kochuk," but later reverted to Shungnak, a name derived from the Eskimo word "Issingnak," which means jade, a stone found extensively throughout the surrounding hills. Nearly 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. It is a traditional Eskimo village with a subsistence lifestyle. The sale or importation of alcohol is banned in the village. High School students from Kobuk attend school in Shungnak. During the April 1990 U.S. Census, there were 68 total housing units, and 14 of these were vacant. The official unemployment rate at that time was 14%, with 53 jobs estimated to be in the community and 65% of all adults not in the work force. The median household income was \$29,583, 6% of residents were living below the poverty level.

SOLOMON

Population: 3

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

State Troopers: 800-443-2835 (Nome)

Fire:

Medical: The closest health care is available at Norton Sound Regional Hospital in Nome.

Organizations with Local Offices

Village Corporation: Solomon Native Corporation, P.O. Box 243, Nome, AK 99762

Phone 907-443-2844, Fax 907-443-2844

Village Council: Native Village of Solomon, P.O. Box 2053, Nome, AK 99762

Phone 907-443-4985, Fax 907-443-5189, e-mail: vsoloman@nook.net

Location & Climate

Solomon is located on the west bank of the Solomon River, one mile north of Norton Sound, 30 miles east of Nome, at approximately 64d 34m N Latitude, 164d 26m W Longitude (Sec. 03, T011S, R029W, Kateel River Meridian). The climate is both continental and maritime. Summers are short, wet and mild; winters are cold and windy. Temperatures range between -30 and 56. Annual precipitation is 16 inches, with 54 inches of snowfall.

Transportation

Accessibility: Solomon is located along the Nome/Council road. Snowmachines and dogsleds are important forms of transportation during the winter.

Airport Facilities: A 1,150' dirt/gravel airstrip is owned by the Solomon Village Corp.

Airline Services: Charter flights available from Nome.

Freight: No information.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska **Long-Distance Phone:** AT&T Alascom

Internet Service Provider: None **TV Stations:** ARCS **Radio Stations:** None **Cable Provider:** None

Electricity: Provided by Solomon Gulch Hydro.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Solomon Mines, Inc. (20,000 gals.)

Housing: None.

Services: No services or facilities available.

Water & Sewage: There are no public facilities in Solomon. Residents haul water from Manilla Creek, Jerusalem Creek, or Solomon River, and use honeybuckets.

Miscellaneous: There are no state-operated schools located in the community.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –
School –

Potential Staging Areas:

Airstrip –
Other government facilities –

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Fishing and hunting for waterfowl and ptarmigan are prime activities. Some gold mining still occurs. Many Nome residents have seasonal homes or camps in Solomon.

Culture & Demographics

The village was originally settled by Eskimos of the Fish River tribe. The gold rush during the summers of 1899 and 1900 brought thousands of people to the Solomon area, and by 1904 Solomon had seven saloons, a post office, a ferry dock, and was the southern terminus of a narrow gauge railroad that ran to the Kuzitrin River. In 1913, the railroad was washed out by storms, and in 1918, the flu epidemic struck. The BIA constructed a large school in 1940, but during World War II, a number of families moved away from Solomon. The post office and BIA school were closed in 1956. The Solomon Roadhouse operated until the 1970s. 100% of the population are Alaska Natives. A federally recognized tribe is located in the community. Solomon is a subsistence-use area for Nome residents. During the April 1990 U.S. Census, there were 4 total housing units, and none of these were vacant, and no jobs existed in the community. The median household income was \$4,999, and a third of the residents were living below the poverty level.

STEBBINS

Population: 543

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPSO: 934-2340

State Troopers: 800-443-2835 (Nome)

Fire: 934-2340

Medical: Stebbins Health Clinic – 934-3311/2464.

Organizations with Local Offices

City: City of Stebbins, P.O. Box 22, Stebbins, AK 99671

Phone 907-934-3451, Fax 907-934-3452

Village Corporation: Stebbins Native Corporation, P.O. Box 71110, Stebbins, AK 99671

Phone 907-934-3074, Fax 907-934-2399

Village Council: Stebbins Community Assoc., P.O. Box 2, Stebbins, AK 99671

Phone 907-934-3561, Fax 907-934-3560, e-mail: Stebbins@aitc.org

Location & Climate

Stebbins is located on the northwest coast of St. Michael Island on Norton Sound, 8 miles north of St. Michael and 120 miles southeast of Nome. It lies at approximately 63d 31m N Latitude, 162d 17m W Longitude (Sec. 02, T023S, R019W, Kateel River Meridian). Stebbins has a subarctic climate with a maritime influence during the summer. Average summer temperatures are 40 to 60; winter temps range from -4 to 16. Extremes have been measured from -55 to 77. Annual precipitation is 12 inches, including 38" of snowfall. Norton Sound is ice-free from June to November, but clouds and fog are common.

Transportation

Accessibility: By plane, boat and snowmachine. A 10.5-mile road runs to Saint Michael; there are no roads linking the village to other parts of the state. ATVs and snowmachines commonly used in winter.

Airport Facilities: A State-owned 3,000' gravel airstrip. Elevation 26'.

Airline Services: Regular flights, charters and freight services are available from Bethel: Bering Air; Cape Smythe Air Service; Olson Air.

Freight: A cargo ship brings supplies annually by way of Nome and goods are lightered to shore.

Vessel Support: No dock or harbor.

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska **Cable Provider:** City

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone

Internet Service Provider: GCI (www.gci.net) **Teleconferencing:** Alaska Teleconferencing Network

TV Stations: ARCS **Radio Stations:** KICY-AM; KNOM-AM

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (13 @ 112,400 gals.); Bering Straits Schools (14 @ 101,000); Tapraq Fuel Co./City (9 @ 111,800); Ferris General Store (4 @ 26,800); Army Nat'l Guard (3,000); AK DOT (3,000); Charlie Steves (3,000).

Housing: No hotel, but arrangements can sometimes be made for sleeping at the school or private homes.

Services: No restaurant or banking services. Groceries, clothing, first-aid supplies, hardware, and film available at Stebbins Native Store (934-3241). Laundry and shower facilities available. No repair services. Arrangements can be made to rent off-road vehicles and boats.

Water & Sewage: Major improvements are under way to enable a piped water with household plumbing and vacuum sewer system. Residents currently haul water and deposit honeybuckets in bunkers. Water is derived during the summer from Big Clear Creek, treated and stored in a 1,000,000-gallon steel water tank.

In the summer there are several watering points in the village, distributed from the tank via plastic pipelines. A reservoir at Clear Lake and a new water storage tank are under construction to alleviate winter water shortages.

Miscellaneous: There is one school located in the community, attended by 197 students. ADEC has approved the landfill for use, although it is not permitted. Refuse is collected by the city from central bins

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 624-3261 (Unalakleet)

Other government facilities –

Local Spill Response Equipment:

Up to 30 boats, some sorbent pads, 800' of boom, a backhoe, two tractors, a scraper, and two dump trucks may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. Stuart Island – Subsistence lifestyle
2. Coast and tundra from Romanof to Cape Stevens – Subsistence lifestyle
3. St. Michael Island system – Subsistence lifestyle
4. Village – residents and residences

Economy

The Stebbins economy is based on subsistence harvests supplemented by part-time wage earnings. The city government and school provide the only full-time positions. The commercial herring fishery has become increasingly important, including fishing on the lower Yukon. Twenty-one residents hold commercial fishing permits. Residents subsist upon fish, seal, walrus, reindeer and beluga whale, with gardens providing vegetables during the summer months. Reindeer herding has occurred in conjunction with Saint Michael; there is an unmanaged herd on Stuart Island.

Culture & Demographics

Redoubt St. Michael was built at nearby St. Michael by the Russian-American Company in 1833. The Yup'ik name for the village is "Tapraq," and the name Stebbins was first recorded in 1900. The first U.S. Census occurred in 1950, indicating 80 Yup'ik Eskimos. Nearly 95% of the population are Alaska Natives. A federally recognized tribe is located in the community. It is a Yup'ik Eskimo village with a commercial fishing and subsistence lifestyle. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 87 total housing units, and 1 of these were vacant. The official unemployment rate at that time was 39%, with 96 jobs estimated to be in the community and 64% of all adults not in the work force. The median household income was \$23,333, and 32% of residents were living below the poverty level.

TELLER

Population: 281

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPSO: 642-3408

State Troopers: 800-443-2835 (Nome)

Fire:

Medical: Teller Health Clinic – 642-3311. Auxiliary health care provided by flight to Nome.

Organizations with Local Offices

City: City of Teller, P.O. Box 548, Teller, AK 99778

Phone 907-642-3401, Fax 907-642-2051

Electric Utility: Teller Power Company, #1 Grantley Avenue, Teller, AK 99778

Phone 907-278-8878, Fax 907-278-5780

Village Corporation: Teller Native Corporation, P.O. Box 509, Teller, AK 99778

Phone 907-642-4011, Fax 907-642-4014

Village Council: Native Village of Teller, P.O. Box 590, Teller, AK 99778

Phone 907-642-3381, Fax 907-642-2072, e-mail: Teller@aitc.org

Location & Climate

Teller is located on a spit between Port Clarence and Grantley Harbor on the Seward Peninsula, 72 miles northwest of Nome, at approximately 65d 16m N Latitude, 166d 22m W Longitude (Sec. 01, T003S, R038W, Kateel River Meridian). The climate is maritime when ice-free, then changes to a continental climate after freezing. Grantley Harbor is generally ice-free from early June to mid-October. Average summer temperatures range from 44 to 57, winter average -9 to 8, with extremes measured from -45 to 82. Annual precipitation is 11.5 inches, with 50 inches of snowfall.

Transportation

Accessibility: By sea and air, plus Teller has a road link to Nome from May to September via a 72-mile gravel road. ATVs and snowmachines are commonly used in winter.

Airport Facilities: A State-owned 3,000' gravel airstrip. Elevation 293'.

Airline Services: Regular flights to Nome: Bering Air; Cape Smythe Air Service; Olsen; Baker Air.

Freight: Goods are lightered from Nome and offloaded on the beach.

Vessel Support: There is no dock, but Port Clarence is a natural harbor and has been considered for a deep water port.

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska **Cable Provider:** City of Teller

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone

TV Stations: ARCS

Internet Service Provider: GCI (www.gci.net); Nome.net (www.nome.net)

Radio Stations: KICY-AM; KNOM-AM **Teleconferencing:** Alaska Teleconferencing Network

Electricity: Provided by Teller Power Company.

Fuel: Gasoline and diesel.

Fuel Storage - Tank Owners (number of tanks, total capacity): School (3 @ 69,000); Teller Native Fuel/Village Corp. (63,300); Richard Blodgett (213,000); Thurman Oil & Mining (20,000).

Housing: Accommodations possible at the school (642-3041), R&K's B&B, and Blodgett's B&B.

Services: Groceries, clothing, first-aid supplies, hardware, and film available at several stores, including Teller Commercial (642-3333) or Teller Native Store (642-4521). Washeteria available, but no banking

facilities. Car rental may be possible at Grantley Harbor Tours.

Water & Sewage: During summer, water is hauled from the Gold Run River (20 miles away) by the city water truck and delivered to home storage tanks. A few residents use their own ATVs or snowmachines to haul water. During winter, treated water is delivered from a large storage tank at the washeteria, or melt ice is used from area creeks. Preliminary work has begun on a piped water and sewer system, but a new water source must first be developed. Wells have proven unsuccessful. The school operates its own sewer system. A few homes and facilities have septic tanks, but 42 residents use honeybuckets, which are hauled by the city.

Miscellaneous: There is one school located in the community, attended by 66 students. A new landfill is under construction. The community participates in hazardous waste collection.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –
School –

Potential Staging Areas:

Airport – 443-2500 (Nome) Also, DOT&PF 642-3351
National Guard Armory – 642-2117

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

The Teller economy is based on subsistence activities supplemented by part-time wage earnings. One resident holds a commercial fishing permit. There are mineral deposits in the area. Fish, seal, moose, beluga whale and reindeer are the primary meat sources. A herd of over 1,000 reindeer wander the area, and the annual round-up provides meat and a cash product, which is sold mainly on the Seward Peninsula. Over one-third of households produce crafts or artwork for sale, and some residents trap fox.

Culture & Demographics

The Eskimo fishing camp called "Nook" was reported 20 miles south of Teller in 1827. Present-day Teller was also established in 1900 after the Bluestone Placer Mine discovery 15 miles to the south. During these boom years, Teller had a population of about 5,000 and was a major regional trading center, attracting Natives from Diomedea, Wales, Mary's Igloo and King Island. In May 1926, bad weather caused the dirigible "Norge" to detour to Teller on its first flight over the North Pole from Norway to Nome. Approximately 87% of the population are Alaska Natives. A federally recognized tribe is located in the community. Teller is a traditional Kawerak Eskimo village with a subsistence lifestyle. Many residents today were originally from Mary's Igloo. Sale of alcohol is banned in the village. During the April 1990 U.S. Census, there were 88 total housing units, and 20 of these were vacant. The official unemployment rate at that time was 3%, with 58 jobs estimated to be in the community and 39% of all adults not in the work force. The median household income was \$20,000, and 32% of residents were living below the poverty level.

UNALAKLEET

Population: 757

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

Police and VPSO: 624-3008

State Troopers: 800-443-2835 (Nome)

Fire:

Medical: Unalakleet Euksavik Clinic – 624-3535.

Organizations with Local Offices

City: City of Unalakleet, P.O. Box 28, Unalakleet, AK 99684

Phone 907-624-3531, Fax 907-624-3130, e-mail: counk@nook.net

Electric Utility: Unalakleet Valley Electric Cooperative, P.O. Box 186, Unalakleet, AK 99684-0186

Phone 907-624-3474, Fax 907-624-3009

School District: Bering Straits Schools, P.O. Box 225, Unalakleet, AK 99684

Phone 907-624-3611, Fax 907-624-3099, e-mail: jadavis@bssd.org, Web: <http://www.bssd.org>

Village Corporation: Unalakleet Native Corporation, P.O. Box 100, Unalakleet, AK 99684

Phone 907-624-3411, Fax 907-624-3833

Village Council: Native Village of Unalakleet, P.O. Box 270, Unalakleet, AK 99684

Phone 907-624-3622, Fax 907-624-3402, e-mail: tgilley@kawerak.org or Unalakleet@aitc.org

Location & Climate

Unalakleet is located on Norton Sound at the mouth of the Unalakleet River, 148 miles southeast of Nome and 395 miles northwest of Anchorage. It lies at approximately 63d 52m N Latitude, 160d 47m W Longitude (Sec. 03, T019S, R011W, Kateel River Meridian). Unalakleet has a subarctic climate with considerable maritime influences when Norton Sound is ice-free, usually from May to October. Winters are cold and dry, temperatures average -4 to 11, and average summer temps range 47 to 62;. Extremes have been measured from -50 to 87. Precipitation averages 14 inches annually, with 41 inches of snow.

Transportation

Accessibility: By barge, plane, small boat and snowmachine. There are no roads linking the city to other parts of the state. Boats are used for inter-village travel and subsistence activities. Local overland travel is mainly by ATVs, snowmachines and dogsleds in winter.

Airport Facilities: A State-owned 6,200' gravel airstrip, which recently underwent major improvements. Elevation 21'.

Airline Services: There are regular flights to Anchorage: PenAir; Bering Air; Cape Smythe Air Service; Hageland.

Freight: Cargo is lightered from Nome.

Vessel Support: There is a dock.

Facilities & Utilities

Communications: In-State Phone: United KUC, Inc.

Cable Provider: Frontier Cable, Inc

Long-Distance Phone: AT&T Alascom; GCI **TV Stations:** ARCS **Radio Stations:** KNSA-AM

Internet Service Provider: GCI (www.gci.net); Nome.net (www.nome.net)

Teleconferencing: Alaska Teleconferencing Network; Nome Legislative Information Office

Electricity: Provided by Unalakleet Valley Electric Cooperative. Matanuska Electric Assoc. owns and operates the electrical system in Unalakleet through the Unalakleet Valley Electric Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Native Corp. (153,500 gals.); Alaska DOT (2 @ 40,800); City (71,400); West Coast Aviation (305,600); School (113,900); Ryan Air (17,000); Alaska Commercial Co. (17,500); Unknown (787,400).

Housing: Accommodations available at Unalakleet Lodge (624-3333); the Sleep Inn; Shafter Building.

Services: Groceries, clothing, first-aid supplies, hardware, and film available at several stores, including Alaska Commercial (624-3272) and UNC General Store (624-3322). Food available at The Igloo (624-3640). Laundromat, but no banking facilities. Repair services available, and rental transportation includes autos, off-road vehicles, boats, and charter aircraft.

Water & Sewage: Water is derived from an infiltration gallery on Powers Creek, treated and stored in a million-gallon steel tank. 190 households are connected to the piped water and sewer system and have complete plumbing. Only two households haul water and honeybuckets.

Miscellaneous: There is one school located in the community, attended by 230 students. Residents haul refuse to the baler facility for transportation to the landfill.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School –

Potential Staging Areas:

Airport – 624-3261

Local Spill Response Equipment:

None identified.

Top Locations (with reasons) for Protection as Selected by Town/Village:

- 1.
- 2.

Economy

Unalakleet has a history of diverse cultures and trade activity. The local economy is the most active in Norton Sound and includes a traditional Unalagmiut Eskimo subsistence lifestyle. Fish, waterfowl, seal, caribou, moose and bear are utilized. Both commercial herring fishing and subsistence activities are major components of Unalakleet's economy. A fish processing plant that employs over 50 seasonal workers was recently completed, and 113 residents hold commercial fishing permits. Government and school positions are relatively numerous, along with many retail and service positions. Tourism is becoming increasingly important; there is world-class silver fishing in the area.

Culture & Demographics

Archaeologists have dated house remnants along the beach ridge from 200 B.C. to 300 A.D. The name Unalakleet means "place where the east wind blows." Unalakleet has long been a major trade center as the terminus for the Kaltag Portage, an important winter travel route connecting to the Yukon River. Indians on the upper river were considered "professional" traders who had a monopoly on the Indian-Eskimo trade across the Kaltag Portage. The Russian-American Company built a post here in the 1830s. In 1898, reindeer herders from Lapland were brought to Unalakleet to establish sound herding practices. In 1901, the Army Signal Corps built over 605 miles of telegraph line from St. Michael to Unalakleet, over the Portage to Kaltag and Fort Gibbon. Approximately 82% of the population are Alaska Natives. A federally recognized tribe is located in the community. The sale of alcohol is prohibited in the community, although importation and possession are allowed. During the April 1990 U.S. Census, there were 240 total housing units, and 33 of these were vacant. The official unemployment rate at that time was 19%, with 211 jobs estimated to be in the community and 46% of all adults not in the work force. The median household income was \$34,531, and 11% of residents were living below the poverty level.

WALES

Population: 154

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPSO: 664-3671

VPO: 664-2108

State Troopers: 800-443-2835 (Nome)

Fire:

Medical: Wales Health Clinic – 664-3311/3691.

Organizations with Local Offices

City: City of Wales, P.O. Box 489, Wales, AK 99783

Phone 907-664-3501, Fax 907-664-3671

Village Corporation: Wales Native Corporation, P.O. Box 529, Wales, AK 99783

Phone 907-664-3641, Fax 907-664-3641

Village Council: Native Village of Wales, P.O. Box 549, Wales, AK 99783

Phone 907-664-3062, Fax 907-664-3062, e-mail karen@kawerak.org or Wales@aitc.org

Location & Climate

Wales is located on Cape Prince of Wales at the western tip of the Seward Peninsula, 111 miles northwest of Nome, at approximately 65d 37m N Latitude, 168d 05m W Longitude (Sec. 05, T002N, R045W, Kateel River Meridian). It has a maritime climate when the Bering Strait is ice-free, usually June to November. After the freeze, there is an abrupt change to a cold continental climate. Average summer temperatures range from 40 to 50; winter temperatures range from -10 to 6. Annual precipitation is 10 inches, including 35 inches of snow. Frequent fog, wind and blizzards limit access to Wales.

Transportation

Accessibility: By plane, small boat and snowmachine. An unimproved road covers the 6.5 miles to Tin City, but there are no roads linking the city to other parts of the state. Aluminum skiffs have replaced skin boats as the primary method of sea travel, and snowmachines are used in winter.

Airport Facilities: A State-owned 4,800' gravel airstrip. Elevation 25'. Easterly winds may cause turbulence. Frequent fog, wind and occasional blizzards limit access to Wales. In the winter, planes frequently use the ice on the Straits for landings.

Airline Services: Cape Smythe Air Service.

Freight: A cargo ship delivers goods to Nome; the goods are transferred to Wales and lightered a half mile to shore.

Vessel Support:

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska **Cable Provider:** Wales Native Corp.

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone **Teleconferencing:** AK Teleconf. Network

Internet Service Provider: GCI (www.gci.net) **TV Stations:** ARCS **Radio Stations:** KICY-AM; KNOM-AM

Electricity: Provided by Alaska Village Electrical Cooperative.

Fuel: Gasoline, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): AVEC (6 @ 51,500 gals.); Native Corp. (97,500); Bering Strait Schools (7 @ 42,250).

Housing: Accommodations (trailer) may be arranged with the Wales Native Corp. (664-3641); also check with the City of Wales (664-3501) for possible room.

Services: Groceries, clothing, first-aid supplies, hardware, and film available at Wales Native Store (664-3351). Laundromat and showers available. No restaurant or banking facilities. Arrangements may be made to rent private vehicles or boats.

Water & Sewage: Water is obtained from Gilbert Creek during the summer, and residents haul treated water from a 500,000-gal. storage tank at the washeteria. Some use untreated water from Village Creek. The community needs a second water source, and has experienced water shortages; Cape Mountain is being investigated as a possible source. Almost all residents use honeybuckets, and very few homes currently have plumbing. The school, clinic and city building are connected to a piped water and septic system.

Miscellaneous: There is one school located in the community, attended by 53 students. The landfill is not permitted.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –
School –

Potential Staging Areas:

Airport – 443-2500 (Nome)
Other government facilities –

Local Spill Response Equipment:

Up to 12 boats, some sorbent pads, a dump truck (Village of Wales), a loader and bulldozer (both DOT) may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. Village Creek – Traditional water source
2. Bering Strait – Subsistence lifestyle
3. School, clinic, and store grounds – Protect children and the residents

Economy

The economy of Wales is based on subsistence hunting and fishing, trapping, Native arts and crafts, and some mining. A private reindeer herd is managed out of Wales, and local residents are employed to assist in the harvest. Whales, walrus, polar bear, moose, salmon, and other fish are utilized.

Culture & Demographics

In 1827 the Russian Navy reported the Eskimo villages of "Eidamoo" near the coast and "King-a-ghe" further inland.

In 1890, the American Missionary Association established a mission here, and in 1894 a reindeer station was organized. Wales became a major Kinugmiut Eskimo whaling center due to its location along migratory routes, and it became the region's largest and most prosperous village, with more than 500 residents. The influenza epidemic in 1918-19 claimed the lives of many of Wales' finest whalers. A burial mound of the "Birnik" culture (500 A.D. to 900 A.D.) was discovered near Wales and is now a national landmark. Ancient songs, dances, and customs are still practiced. In the summer Little Diomede residents travel between the two villages in large traditional skin boats. Nearly 90% of the population are Alaska Natives. A federally recognized tribe is located in the community. The sale or importation of alcohol is banned in the village. During the April 1990 U.S. Census, there were 66 total housing units, and 17 of these were vacant. The official unemployment rate at that time was 19%, with 46 jobs estimated to be in the community and 53% of all adults not in the work force. The median household income was \$15,000, and 35% of residents were living below the poverty level.

WHITE MOUNTAIN

Population: 207

Borough Located In: Unorganized

Incorporation Type: 2ND Class City

Regional Native Corporation: Bering Straits

Emergency Services

VPSO: 638- 3626/3351

State Troopers: 800-443-2835 (Nome)

Fire: 638-3651

Medical: White Mountain Health Clinic – 638-3311

Organizations with Local Offices

City: City of White Mountain, P.O. Box 130, White Mountain, AK 99784

Phone 907-638-3411, Fax 907-638-3421, e-mail: cowmo@nook.net

Village Corporation: White Mountain Native Corp., P.O. Box 81, White Mountain, AK 99784

Phone 907-638-3651

Village Council: Native Village of White Mountain, P.O. Box 84082, White Mountain, AK 99784

Phone 907-638-3651, Fax 907-638-3652, e-mail: WhiteMountain@smtp.ak.bia.gov or

WhiteMountain@aitc.org

Location & Climate

White Mountain is located on the west bank of the Fish River, near the head of Golovnin Lagoon, on the Seward Peninsula, 63 miles east of Nome. It lies at approximately 64° 41' N Latitude, 163° 24' W Longitude (Sec. 26, T009S, R024W, Kateel River Meridian). White Mountain has a transitional climate with less extreme seasonal and daily temperatures than Interior Alaska. Continental influences prevail in the ice-bound winter. Winter temperatures average -7 to 15, summer temperatures range from 43 to 80. Annual precipitation is 15 inches, with 60 inches of snow. The Fish River freezes up in November; break-up occurs in early June.

Transportation

Accessibility: By plane, small boat and snowmachine. There are no roads linking the village to other parts of the state. Boats are used for inter-village travel and subsistence activities. ATVs and snowmachines are commonly used in winter. Locals are interested in a road to Golovin to permit fuel deliveries, or the construction of a docking facility for barges.

Airport Facilities: A State-owned 3,000' gravel airstrip. Elevation 262'.

Airline Services: Scheduled flights are available daily from Nome: Arctic Transportation Services; Baker Aviation; Bering Air; Cape Smythe Air Service; Olson Air Service; Grant Aviation.

Freight: Cargo barges cannot currently land at White Mountain, and supplies are lightered from Nome and offloaded on the beach.

Vessel Support: There is no dock at the village.

Facilities & Utilities

Communications: **In-State Phone:** Mukluk Telephone Co./TelAlaska **Cable Provider:** City of White Mountain

Long-Distance Phone: AT&T Alascom; GCI; Mukluk Telephone

Radio Stations: KICY-AM; KNOM-AM

Internet Service Provider: GCI (www.gci.net); Nome.net (www.nome.net) **TV Stations:** ARCS

Teleconferencing: Alaska Teleconferencing Network

Electricity: Provided by White Mountain Utilities.

Fuel: Gasoline, white gas, diesel, and propane.

Fuel Storage - Tank Owners (number of tanks, total capacity): Bering Straits Schools/City (6 @ 131,600 gals.); Native Store (6 @ 43,500); Lodge (2,000); AK DOT (3,000); Tom Gray Reindeer Farm (4,900).

Housing: Accommodations may be possible at the high school, the city office guest room, and a local lodge (summer & Iditarod time only).

Services: Groceries, clothing, and some supplies available in town. Laundromat and showers available. No restaurant or banking facilities.

Water & Sewage: Water is obtained from a well near the Fish River and treated. Forty-eight households and facilities are connected to the piped water and sewer system, but eighteen other households haul honeybuckets.

Miscellaneous: There is one school located in the community, attended by 71 students. Funding has been requested to relocate the landfill; the current site is not permitted.

Spill Response Support

Contact local officials to determine possibility of using community facilities.

Potential Command Posts:

Community hall, etc. –

School – 638-3021

Potential Staging Areas:

Airport – 443-2500 (Nome)

Other government facilities –

Local Spill Response Equipment:

Up to ten boats, a backhoe, and some four-wheelers may be available.

Top Locations (with reasons) for Protection as Selected by Town/Village:

1. White Mountain River – Subsistence lifestyle and transposition
2. School, clinic, store, city office – for all residents

Economy

The entire population depends on subsistence hunting and fishing, and most residents spend the entire summer at fish camps. Salmon, other fish, beluga whale, seal, moose, reindeer, and brown bear are utilized. The school, Native store and White Mountain Lodge provide the only local employment. Construction outside of town and fire fighting provide seasonal employment. Four residents hold commercial fishing permits. Ivory and bone carvings contribute some cash. A reindeer farm is run by a local resident.

Culture & Demographics

White Mountain is a Kawerak Eskimo village, with historical influences from the gold rush. Nearly 90% of the population are Alaska Natives. A federally recognized tribe is located in the community. Subsistence activities are prevalent. During the April 1990 U.S. Census, there were 69 total housing units, and 11 of these were vacant. The official unemployment rate at that time was 36%, with 35 jobs estimated to be in the community and 67% of all adults not in the work force. The median household income was \$15,893, and 38% of residents were living below the poverty level.

RESOURCES: PART TWO – EQUIPMENT

This section highlights the major resources and quantities of response-related equipment that may be available for the Northwest Arctic Subarea. Summary information, such as this, will be valuable during spill response planning and especially during actual spill responses. The listing provides information on both local resources and those resources that may be available from outside the immediate area since a significant spill event would most likely require resources from locations. For more detailed equipment inventories for the other regions of the state, consult the appropriate Subarea Contingency Plan (SCP). Also, see the **Unified Plan, Annex E, Appendix I: Equipment**, for general information on Alaska.

Actual availability of equipment will depend upon contractual arrangements and agreements between the party owning the equipment and the party desiring to purchase or use the equipment. No prior permission or arrangement for the use of this equipment is implied or granted by the inclusion of any organization's equipment, whether federal, state, local, or privately owned. Equipment listings are as follows:

- A: Vessels
- B: Boom Equipment
- C: Skimmers
- D: Other Equipment
- E: Alaska Chadux Corporation Equipment

NOTE: Requests for Department of Defense (DOD) Assets - All requests for DOD assets shall be made through the FOSC. The FOSC will forward the request to the USCGD17 Command Center, who will liaison with ALCOM. Funding for all DOD assets will be provided through the OSLTF. If DOD assets are employed in a response, representatives from DOD shall be included the incident command structure.

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A. VESSELS

TUG INVENTORY

LOCATION	NAME	OPERATOR	CONTACT	PHONE	HORSEPOWER	L/B/D/ (FT)	BERTH
AK	Tug Sea Hawk	AMC		206-455-4474	2600	85	
Kodiak	Tug Kodiak King	Petro Marine		907-486-5503			
Anchorage	Tug Tractor Stellar Wind	Cook Inlet Tug & Barge	Carl Anderson	257-5840 (mobile)	3000	84/30/11	7
	Tug Tractor Stellar Wind	Cook Inlet Tug & Barge	Carl Anderson	257-5714 (tug #)			
Anchorage	Tug Pacific Bay	Cook Inlet Tug & Barge	Carl Anderson	257-5840 (mobile)	1800	70/24/8	5
Anchorage	Tug Hooper Bay	Pickworth	David Pickworth	907-258-6447	1800	69/ /8.7	5/6
Seward	Tug Junior	Anderson Tug & Barge	Sharon/Andy Anderson	907-224-5506 (24hr)	Twin Screw 1200	60/20/8	3
Seward	Tug Kari A	Anderson Tug & Barge	Sharon/Andy Anderson	907-224-5506 (24hr)	Twin Screw 2400	70/28/10.5	6
Seward	Tug Gale Wind	Anderson Tug & Barge	Sharon/Andy Anderson	907-224-5506 (24hr)	Twin Screw 3000	84/30/11	6
*See Note	*See Note	Foss Maritime Co.	Dispatch	800-426-2885 (24hr) 206-281-3810 (24hr)	*See Note	*See Note	*See Note

*Note: Call Foss Dispatch to obtain specific current details (location, type, L/B/D, etc.) on barges operating in Alaskan waters.

** Can also contact Louis Audette at Forty Niner Transportation 907-279-5878 (24 hr)
Padilla Tug Co. Fax Number 907-581-2055

BARGE INVENTORY

LOCATION	BARGE NAME	OPERATOR	CONTACT	PHONE	BARGE TYPE	L/B/D	REMARKS
Seward	ATB 230	Anderson Tug & Barge	Sharon/Andy Anderson	907-224-5506 (24hr)	Cargo Barge	230/60/15	To 3000 Tons
Various AK Areas	Various	Foss Maritime Co.	Dispatch	800-426-2885 (24hr) 206-281-3810 (24hr)	Deck Barges, Log Barges, Ore Lightering barges	*See Note	*See Note
		Crowley					
Anchorage	Rendrag	Knik Construction	Dave Haugen	907-245-1544	8-Portable Barge Units	10'x40'	Good Cond

*Note: Call Foss Dispatch to obtain specific current details (location, type, L/B/D, etc.) on barges operating in Alaskan waters.

WORK BOAT INVENTORY

LOCATION	VSL NAME	TYPE	COMPANY	CONTACT	PHONE	L/B/D (FT)	HORSEPOWER
West Dock		Hovercraft	ACS	Ron Hocking	907-659-2405		
Alaska	Several	Several Types	ACS	Ron Hocking	907-659-2405	Varies	Varies
Homer	Fox River	Landing Craft	Dolphin Leasing		907-23578264	100/	954
Homer	Nanuk	Landing Craft	Edwin Kilcher	Edwin Kilcher	907-235-7377	58	380
			Bowhead Transportation				
			Northern Transportation				
Homer	Rama Lee	Landing Craft	Dunnings Lagoon	Jack Estill		52	450
Seward	Flying D	Landing Craft	Marine Spec.	Manfred Dietrich	907-224-8064	84	590

B. BOOM

BOOM INVENTORY								
LOCATION	OWNER	TYPE/SIZE	LENGTH (FT)	LBS/FT EST.*	DESIGN USE	CONTACT	WORK #	24-HR #
Kenai	USCG	10x16" Outer Harbor	2000		Containment	Supervisor	(907) 283-3292	(907) 283-3292
Anchorage	USCG	42" Foam Filled Ocean	5000		Containment	Supervisor	(907) 271-6700	(907) 271-6700
Anchorage	Unitech of AK	Various Types	7000-10,000		Containment	Bill D'Atri	(907) 349-5142	(907) 349-5142
Anchorage	Port Lekanoff	6" X 18"	1500	2.0	Curtain			

C. SKIMMERS

SKIMMER INVENTORY

LOCATION	SOURCE	CONTACT	PHONE	TYPE	QTY	NAMEPLATE CAPACITY BBL/HR	20% CAPACITY DERATED	12 HR RECOVERY DERATED BBLs	24 HR RECOVERY DERATED BBLs
Anchorage	Unitech Alaska			Various Types					
Anchorage	NAVSUPSALV	USCG MSO Anchorage	907- 271-6700	Various Types					
Various	Alaska Chadux		278-3365	Various Types (See ACC listing)					
Various	ACS	Nick Glover/ Keith Butcher	907-659-2405	Various Types	Numerous Amounts	Contact for Specifics			
Fairbanks									

VESSEL OF OPPORTUNITY SKIMMING SYSTEMS

VOSS PACKAGE							
LOCATION	OWNER	QTY	DESCRIPTION	DESIGN USE	CONTACT	WORK #	24-HOUR #
MSO Anchorage	USCG	1	VSL of Opportunity Skimming System	Containment	Supervisor	907) 271-6700	907) 271-6700
		2	Auger Screw Pump Weir Skimmer 180 GPM/300 GPM Desmi				
		2	45' Boom Outrigger: 3 Sections				
			FAST Sweep Reel Boom				
		2	Portable Davits				
		2	800 GPM Prime Mover				
		2	28',000 Gallon Inflatable Barges				

Category	Quantity	Description	Location
Additional Boom	5,000'	American Marine 42" Ocean Boom	Foam Filled: 500' per Container
Boom Containers	10 ea.	8' x 8' x 8.5' Boom Containers	Aluminum w/ Fork Pockets and
Flat Bed Trailers	4 ea.	1 ea. 48' Trailer & 3 ea. 42'	

Equipment Location: Bldg 800, Fort Richardson
 Access: Contact Commanding Officer, Port Ops Officer, or DRAT
 Transport Options: DRAT will coordinate with SUPSALV.

D. OTHER EQUIPMENT

Category	Owner	Quantity	Description	Location
Connex Containers	USCG (MSD Kenai)	2 ea.	20' x 8' x 8' Shipping/Storage Van	Homer Spit
Containment Boom	USCG (MSD Kenai)	2000'	Kepner 10 x 16 Outer Harbor Boom	Homer Spit
Tow Bridals	USCG (MSD Kenai)	5 ea.	For Kepner Boom	Homer Spit
Anchors		10 ea.	22 lb. Boom Anchors w/200' Line	Homer Spit
Sorbent Material	USCG (MSD Kenai)	Varies	Sorbent 156 Pads	Kenai
		Varies	Sorbent Boom	Kenai
Miscellaneous	USCG (MSD Kenai)			Connex Box
		1 ea.	1500 Watt Portable Halogen Lights	MSD Kenai
Trailers	USCG (MSD Kenai)	2 ea.	28' Pace American Storage Trailer	Kenai and Seward
MISCELLANEOUS:	USCG (MSO Anchorage)			
		1 ea.	1500 Watt Portable Halogen Lights	Kenai and Anchorage

Telephone: 907-283-3292 (Unit not manned after hours or weekends)

Access: Contact Unit Supervisor or DRAT

Contact MSO Anchorage after hours: 907-271-6721

(through MSO Anchorage, 907-271-6700/6721)

Equipment: Connex boxes stored in Homer, AK on end of spit

Transport Options: No Gov't Options Available

Commercial trailer required to move the two 20' connex boxes

Gov't Options Available - 28' trailers towed by unit vehicle, ARMY may have ability to tow VOSS trailers.

SPECIALTY EQUIPMENT

LOCATION	OWNER	TYPE/SIZE OF ITEM	QUANTITY	CONTACT	WORK #	24 HR
Anchorage	Lynden Inc	12' Ore Containers	300	Dave Haugen	907-245-1544	
Anchorage	Lynden Inc	18' Ore Containers	88	Dave Haugen	907-245-1544	

CAMP EQUIPMENT

LOCATION	OWNER	TYPE/SIZE OF ITEM/QUANTITY	CONTACT	WORK #	24 HR
Anchorage	Bering Marine	Atco 10'x56' Units; Use-Offices, Sleepers, Storage, Lavatory/Shower: 90	Dave Haugen	907-277-9834	
Anchorage	Bering Marine	56 Man Atco Self Contained Camp w/7 Sleepers, 1 Kitchen/Diner, 1 Lavatory, Generator Van, Water & Sewage Treatment Plant	Dave Haugen	907-277-9834	
Anchorage	Bering Marine	24 Man Camp w/6 each Skid Mounted Units w/Lavatory, Kitchen/Diner, & Rec Room	Dave Haugen	907-277-9834	

- E. **ALASKA CHADUX CORPORATION INVENTORY:** The following highlights the significant items in the ACC inventory. For specific questions regarding ACC spill response equipment assets, contact the ACC Logistics Manager at 907-278-3365.

ANCHORAGE EQUIPMENT

AN 1, 40 FT CONEX & CHASSIS, CONTAINMENT		
Boom, 20 inch	3500 ft	
Anchor Systems	02	Systems #2 and #11
AN 2, 40 FT CONEX & CHASSIS, CONTAINMENT		
Boom, 20 inch	2800 ft	
Anchor Systems	03	Systems #4, #7 & #10
AN 3, 40 FT CONEX & CHASSIS, CONTAINMENT		
Boom, 26 inch	2000 ft	
Anchor System	03	Systems #3, #5 & #6
AN 4, 40 FT CONEX & CHASSIS, WILDLIFE EQUIPMENT		
Otter Pens	03	
Kennels	07	
Misc. wildlife equipment		
AN 5, 40 FT CONEX & CHASSIS, RECOVERY		
Oily Waste Bags	26 cases	100 bags per case
Socks, 46 in X 2.75 in	03 boxes	30 per box
Absorbent Roll, 3 ft X 100 ft white	03 rolls	
Absorbent Roll, 3 ft X 100 ft gray	03.5 rolls	
Absorbent Sweep, 19 in X 100 ft	20 bags	50 per bag
Absorbent pad, 34 in X 38 in blue	10 bags	50 per bag
Absorbent pad, 34 in X 38 in white	15 bags	50 per bag
Absorbent sheet, 17 in X 19 in blue	30 bags	50 per bag
Absorbent sheet, 17 in X 19 in white	20 bags	50 per bag
Boom, absorbent, 5 inch	20 bags	40 ft per bag
Boom, absorbent, 8 inch	58 bags	40 ft per bag
Visqueen, 6 mil, 40 ft X 100 ft	06 rolls	
Barrel, 55 gallon w/top	07	
Barrel, 55 gallon, open top	06	
AN 6, 40 FT CONEX & CHASSIS, EQUIPMENT TRANSPORTATION		
AN 7, 40 FT CONEX & CHASSIS, CONTAINMENT		
Boom, 20 inch	2400 ft	
Anchor System	03	Systems #1, #8 & #9
AN 8, 20 FT CONNEX, SHOP & SUPPORT CONNEX		
Generator, 7Kw, gas, Honda	01	
Weather Port	01	
AN 9, 20 FT CONNEX, STORAGE & SUPPORT		
Miscellaneous Equipment		
AN 10, 30 FT DUAL AXLE TRAILER, WILDLIFE STABILIZATION		
Wildlife capture and stabilization equipment		
AN 11, 40 FT VAN, STORAGE ONLY, CONTAINMENT		
Boom, 42 inch Ocean	3500 ft	

ANCHORAGE EQUIPMENT (CONTINUED)

STORAGE YARD		
Skimmer, Desmi 250 Terminator	01	
Bladder, Kepner Towable, 5000 gallon	01	
Bladder, Unitor Towable, 6635 gallon	01	
Boat, Inflatable, pontoon, 18 ft	01	Boat #10
Boat, Grayling, 22 ft	01	Boat #7
Boat, Landing Craft, 24 ft	02	Boat #8 & Boat #9
Skimmer, HIB, 20 ft, with trailer	01	
Command Post, Mobile, 22ft trailer	01	
Trailer, Utility, Carson, 20 ft	01	Utility Trailer #2
Trailer, Utility, 16 ft	01	Utility Trailer #3
Trailer, Flatbed, 20 ft	01	Utility Trailer #1, Desmi 250/Unitor bladder storage/transport
Truck, flatbed w/crane	01	F-550 Ford, crew cab
Truck, w/Stellar system	01	F-550 Ford, crew cab
Flatbed skid for Stellar system	01	
Vacuum system, skid for Stellar System	01	300 gallon tank, pump, hoses
Truck, ¾ ton Pickup	01	Chevy
Bus, 14 passenger	01	Bluebird
ATV, 4 wheeler	02	
ATV, trailers	02	
Hose kit, 3/25 ft suction, 3/50 discharge	01	
Hose kit, 2/25 ft suction, 2/50 discharge	01	
WAREHOUSE		
Pressure washer, MIT hot water, diesel	01	
Pressure washer, Karcher hot water, electric	01	
Pressure washer, gas	02	
Skimmer, Rope Mop, MW41G, diesel	02	
Skimmer, Rope Mop, C-24-D, diesel	01	
Skimmer, Rope Mop, MW41E, electric	01	
Skimmer, Disc, Vikoma 12K system	02	
Skimmer, Weir, Skim Pak System	01	
Skimmer, Desmi Mini Max System	02	
Vacuum system, Ro-Vac MkII	01	
Vacuum system Ro-Vac MKII support kit	01	
Generator, 3 kW, diesel	01	
Generator, 6 kW, diesel	02	
Generator, 4 kW, diesel	01	
Heater, indirect, Frost Fighter, 500k BTU	02	
ATV, Polaris, 6 wheeler	01	
ATV Trailer, for Polaris 6 wheeler	01	
Burner, Smart Ash	01	
Wildlife capture kit	05	
Wildlife hazing kit	01	
Wildlife propane cannon	03	
Skimmer Head, Manta Ray	02	
Bladder, 2500 gallon	02	
Fold-a-Tank, 600 gallons	01	
Fold-a-Tank, 3000 gallons	01	
Fast Tank, 2400 gallons	02	

ANCHORAGE EQUIPMENT (CONTINUED)

COMMUNICATIONS		
Handheld radio, VHF Marine, Standard, Mod HX255S	18	
Handheld radio, VHF Marine, Motorola, Triton MP100is	04	
Handheld radio, VHF, Programmable, Motorola, JT-1000	06	
Base Unit, VHF Programmable, Portable, JT-1000	01	02 Boxes, wheeled, Battery powered, solar cell/110 Ac rechargeable
Repeater Unit, VHF Marine Ch 85, Portable	01	02 Boxes, wheeled, Battery powered, solar cell/110 Ac rechargeable
Mobile Radio, VHF Marine, Uniden MC535	02	Both are in the mobile Command Post
Mobile Radio, VHF Marine, Motorola Radius M1225	01	In Pickup truck, Chevy
Mobile Radio, VHF Marine, Motorola Radius M1225	01	In Truck, Flatbed w/crane
Mobile Radio, VHF Marine, Motorola Radius M1225	01	In Truck, w/stellar system
Mobile Radio, VHF Marine, Uniden MC535	01	In Bus, 14 passenger
Satellite Phone, Mitsubishi, ST150A, transportable satellite terminal	01	Battery (rechargeable) or AC operated
Satellite Phone, Qualcomm GSP 1600 Globalstar, handheld	01	Battery operated (rechargeable)
Camera, Digital, Sony Mavica	01	
Computer, laptop	03	

KENAI EQUIPMENT

KEN-01, 40 FT CONNEX ON CHASSIS, CONTAINMENT		
Boom, 20 inch	3500 ft	
Anchor System	03	
KEN 02, 40 FT CONNEX ON CHASSIS, CONTAINMENT		
Boom, 20 inch	2500	
Anchor System	03	
KEN 03, 28 FT VAN ON CHASSIS, RECOVERY		
Bladders, 2500 gallon	02	
Skimmer, Vikoma 12K	01	
Skimmer, Skim Pak System	01	
Skimmer, Rope Mop, C-24-D	01	
P.P.E. Kit	01	
Hose Kit, 2/25 ft suction, 5/50 ft discharge	01	
KEN-04, 28 FT VAN ON CHASSIS		
Boom, Absorbent, 8 inch	2500 ft	
Beach Cleaning Kit	01	
Hazing Kit	01	
YARD		
Boat, 18 ft	01	Boat #5

KODIAK EQUIPMENT

KOD-01, 40 FT CONNEX ON CHASSIS, CONTAINMENT		
Boom, 20 inch	1500 ft	
Boom, 26 inch	1000 ft	
Anchor System	03	
KOD-02, 40 FT CONNEX ON CHASSIS, CONTAINMENT		
Boom, 20 inch	3500 ft	
Anchor System	03	
KOD 03, 28 FT VAN ON CHASSIS, RECOVERY		
Bladder, 2500 gallon	02	
Skimmer, Vikoma 12K	01	
Skimmer, Skim Pak System	01	
Skimmer, Rope Mop, C-24-D	01	
Hose Kit, 3/25 ft suction, 6/50 ft discharge	01	
Skorboom, 8"X3"	900 ft	
Anchor System	01	
Sweep, Absorbent	15 bags	100 ft per bag
P.P.E. Kit	01	
Tool Kit	01	
KOD-04, 28 FT VAN ON CHASSIS		
Boom, Absorbent, 8 inch	2500 ft	
Beach Cleaning Kit	01	
Hazing Kit	01	
YARD		
Boat, 18 ft	02	Boat # 1 and #2

UNALASKA EQUIPMENT

UNA-01, 40 FT CONNEX ON CHASSIS, CONTAINMENT		
Boom, 20 inch	500 ft	
Anchor System	01	
P.P.E. Kit	02	
Hose Kit, 3/25 ft suction, 6/50 ft discharge	01	
UNA-02, 40 FT CONNEX ON CHASSIS, CONTAINMENT		
Boom, 20 inch	3500 ft	
Anchor System	02	
UNA 03, 28 FT VAN ON CHASSIS, RECOVERY		
Skimmer, Vikoma 12K	01	
Skimmer, Skim Pak System	02	
Bladders, 2500 gallon	01	
Bladder, 2500 gallon, Canflex, towable	02	
Pressure Washer	01	
Sweep, Absorbent	15 bags	100 ft per bag
Skorboom	200 ft	
UNA-04, 40 FT CONNEX ON CHASSIS, CONTAINMENT		
Boom, 26 inch	1500 ft	
Anchor System	02	
YARD		
Boat, 18 ft	01	Boat # 6

VALDEZ EQUIPMENT

VDZ-01, 20 FT CONNEX, NO CHASSIS, RECOVERY		
Skimmer, Weir, Skim Pak	01	
Skimmer, Rope Mop, MW41G, diesel	01	
Skimmer, Rope Mop, MW41E, electric	01	
Mantaray skimmer head	02	
Trash Pump, Yanmar, 3 inch, diesel	03	
Trash Pump, Hatz, 4 inch, diesel	01	
Generator, 7.5 kW, diesel	01	
Fast Tanks, 2400 gallons	03	
VDZ-02, 20 FT CONNEX, NO CHASSIS, CONTAINMENT		
Boom, 24 inch	1000 ft	
Anchor System	01	
Bladder, 1250 gallon, Canflex, towable	01	
VDZ 03, 40 FT CONNEX, NO CHASSIS, CONTAINMENT		
Boom, 20 inch	2800 ft	
Anchor System	03	
P.P.E. Kit	01	
Hose Kit, 2/25 ft suction, 4/50 ft discharge	01	
YARD		
Boat, 18 ft	01	Boat # 3

CORDOVA EQUIPMENT

CDV-01, 20 FT CONNEX, NO CHASSIS, RECOVERY		
Skimmer, Weir, Skim Pak	01	
Skimmer, Rope Mop, MW41G, diesel	01	
Skimmer, Rope Mop, MW41E, electric	01	
Trash pump, Yanmar, 3 inch	02	
Trash Pump, Yanmar, 4 inch	02	
Mantaray skimmer head	02	
Generator, 7.5 kW, diesel	01	
Hose Kit, 2/25 ft suction, 4/50 ft discharge	01	
Fast Tanks, 2400 gallons	03	
P.P.E. Kit	01	
Absorbent boom, 8 inch	18 bags	40 ft per bag
Absorbent boom, 6 inch	09 bags	40 ft per bag
CDV-02, 20 FT CONNEX, NO CHASSIS, CONTAINMENT		
Boom, 24 inch	1200 ft	
Bladder, 1250 gallon, Canflex, towable	01	
Anchor System	04	
CDV 03, 20 FT CONNEX, NO CHASSIS, CONTAINMENT		
Boom, 20 inch	2000 ft	
YARD		
Boat, 18 ft	01	Boat # 4

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RESOURCES: PART THREE - INFORMATION DIRECTORIES

A. AIRPORTS and AIR SERVICES

(For current runway status, refer to the latest edition of the AK Supplement to the NOAA flight information publication. Additional information may be available in *Part One- Community Profiles*.)

Also refer to the following website for detailed information on airports in Alaska (Note: Select “Aviation Industry”, then “5010 Database.” In the “Quick Listing” Search pattern, select “Alaska” to access information on the 600 plus airports in the State. <http://www.gcr1.com/gcr1/>)

LOCATION	RUNWAY LENGTH (FT)	RUNWAY Composition; Lighting	EMERGENCY FUEL	REMARKS/ INFO PHONE
Ambler	3000	Gravel; Lights		Unattended
Brevig Mission	3000	Gravel; Lights		Unattended
Buckland	3200	Gravel; Lights		Unattended
Candle	3900	Gravel		Unattended
Council	3000	Gravel		Unattended
Deering	2600	Gravel; Lights		Unattended
Diomede	Heliport			Unattended
Elim	3000	Gravel; Lights		Unattended
Gambell	4500	Asphalt; Lights		Unattended
Golovin	2000	Gravel; Lights		Unattended
Kiana	3400	Gravel; Lights		Unattended
Kivalina	3000	Gravel		Unattended
Kobuk	2360	Gravel; Lights		Unattended
Kotzebue	5900	Asphalt; Lights	NC-100, A	Attended – 442-3310 800-478-7460
Koyuk	3000	Gravel; Lights		Unattended
Noatak	4000	Gravel; Lights		Unattended
Nome	6000	Asphalt; Lights	NC-100LL, A, A1, A1+	Attended – 443-2291 800-478-8400
Noorvik	2200	Gravel; Lights		Unattended
Saint Michael	4000	Gravel; Lights		Unattended
Savoonga	4400	Gravel; Lights		Unattended
Selawik (R. Norton Mem)	3000	Gravel		Private - Unattended
Selawik	3000	Gravel; Lights		Unattended
Shaktolik	2200	Gravel; Lights		Unattended
Shishmaref	5000	Asphalt; Lights		Unattended
Shungnak	4000	Gravel; Lights		Unattended
Stebbins	3000	Gravel; Lights		Unattended
Teller	3000	Gravel; Lights		Unattended
Unalakleet	6000	Gravel; Lights		Unattended
Wales	4000	Gravel; Lights		Unattended
White Mountain	3000	Gravel; Lights		Unattended

Aircraft Companies available for Transportation				
Company	Contact	Phone	Location	Aircraft /Capabilities
Airborne Freight		562-6676	Anchorage	24-hr Freight Service
Air Logistics Alaska	Belinda Low	452-1197	Fairbanks	Passenger & cargo Bell 206 B, 206L, 212
Alaska Airlines		800-426-0333	Anchorage	Regular jet service to Nome and Kotzebue
AK Air National Guard	Lt Col Graybeal	249-1105	Anchorage	(8) C-130H; (4) C-130; (6) HH-60
AK Army National Guard	Col Stigar Lt Col Kidrick Lt Col Williams	428-6331 428-6325 428-6310	Bethel Juneau Nome Ft Rich/ElmAFB	(2) UH-60L (2) UH-60L (2) UH-60L (8) C-23, (1) C-12
Air Cargo Express		243-0009 442-3702	Anchorage Kotzebue	C-46 and DC-6 cargo & charter service
Arctic Transportation Company		562-2227 442-3347 443-5482	Anchorage Kotzebue Nome	Regional freight hauling
Baker Aviation		443-3081 Fx443-3664/4781	Nome	Passenger & cargo service
Bering Air		443-5464	Nome	Passenger & cargo service
Cape Smythe		442-3020 (emerg.442-2439) 443-2414 (emer.443-2102)	Kotzebue Nome	Regional/village passenger, charter, & air freight service – DC-6, Beech 99, & Cessna, Navaho Chieftain, Piper 1040
Dept of Defense	ALCOM/3 rd Wg Command Post	552-3000	(ALCOM) Elmendorf AFB	C-130s, CH-47D, UH-60, UH-1P, C-12
ERA Helicopters	Lash Larew	248-4422	Anchorage	Passenger & cargo service
Evergreen Helicopters	Victor Frase	276-2454	Anchorage	(2) Bell 206B; (3) Bell 205
Hageland Aviation		442-2936 443-7595 Fx443-7660	Kotzebue Nome	Passenger, charter, & air freight service
Lynden Air Cargo		443-4671 624-3461 800-926-5703	Nome Unalakleet	Regional freight hauling
Northern Air Cargo	Murray Fitzhugh	243-3331 800-478-3330	Anchorage	DC-6 Air freight service

Aircraft Companies available for Transportation				
Company	Contact	Phone	Location	Aircraft /Capabilities
North Star Air Cargo		276-1244	Anchorage	Sky Van 4000 Air freight service
Olson Air		443-2229/3625 Fx 443-5017	Nome	Passenger, charter, & air freight service
Trans Alaska Helicopters	Mel Nading	274-7762	Anchorage	Passenger/Cargo
USCG	MSO Anchorage	271-6700	Anchorage	C-130s, Helicopters
Yute Air Alaska		443-2700 888-359-9883	Nome	Express delivery (w/ daily flights to Anchorage)

B. BIRD and WILDLIFE RESCUE

Consult the **Wildlife Protection Guidelines of the Unified Plan** for important information on the contacts and protocols for wildlife hazing and capture programs. All questions should be directed to the primary resource agencies:

Alaska Dept of Fish and Game	907-267-2338, 907-451-6192
National Marine Fisheries	907-586-7235, 907-271-5006, 907-786-3411
US Fish and Wildlife Service	907-786-3598

The following organizations offer rehabilitation services and information:

Primary contact for bird rescue:

International Bird Rescue & Research Center 6132 Nielson Way, Anchorage, AK 99518	907-562-1326; <i>cell</i> 907-230-2492 24hr: 707-207-0380 (California) http://www.ibrrc.org/
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Secondary contacts for bird rescue:

Alaska Raptor Center 1101 Sawmill Creek Rd., Sitka, AK 99835 <i>has only full-service bird hospital in Alaska</i>	907-747-8662
Bird Treatment & Learning Center 6132 Nielson Way, Anchorage, AK 99518	907-562-4852

Primary contact for sea life:

Alaska SeaLife Center 301 Railway Avenue, Seward, AK 99664 <i>has only standing placement for marine mammals</i>	800-224-2525/907-224-6326 (-6342 <i>after hrs</i>) http://www.alaskasealife.org
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C. CONTRACTORS: BOA and TERM

BOA:

The Coast Guard has authority to access civilian equipment, personnel and services under a Basic Ordering Agreement (BOA). The current list of civilian contractors with a BOA are depicted on the chart below:

USCG BOA CONTRACTS (as of: February 22, 1999)						
BOA Number	Contractor	Address	POC	Phone	Fax	Date Awarded
DTCG89-93-A-68F917	Oil Spill Consultants	209 E 51 st St, Anchorage, AK 99503	Michael Kelley	(907) 562-7169	562-7225	08/02/93
DTCG89-93-A-68F919	Magone Marine	991 Ballyhoo Road, Dutch Harbor, AK 99692	Daniel Magone	(907) 581-1400	581-1495	06/01/93
DTCG89-93-A-68F923	Burlington Environmental	1813 E 1 st Ave, Ste 210, Anchorage, AK 99501	Thomas Poliquin	(907) 561-1961	563-1963	05/16/93
DTCG89-93-A-68F925	Marine Pollution Control	103 S. Willow, Ste 1, Kenai, AK 99611	Mike Snyder	(313) 849-2333	849-1623	05/16/93
DTCG89-95-A-68F965	Alaska Marine Transport	3960 Alitak Bay Circle, Anchorage, AK 99515	Peter Schwarz	(907) 344-7307	762-6390	08/09/95
DTCG89-95-A-68F966	BEPCO	Bethel, AK Dutch Harbor, AK and Fairbanks, AK	Ralph Doyle	(907) 696-3511	696-2752	06/01/95
DTCG89-95-A-68F967	Maritime Enterprises	3520 FAA Road, Homer, AK 99603	Donald M. Fell	(907) 235-7771	235-7773	06/01/95
DTCG89-95-A-68F968	Crowley Marine Services	4300 B St, Ste 507, Anchorage, AK 99503	Charles F. Nalen	(206) 443-8100	443-8072	06/01/95
DTCG89-95-A-68F969	SEAL	22745 Glacier Highway, Juneau, AK 99801	John D. Gitkov	(907) 789-4210	789-4210	06/01/95
DTCG89-95-A-68F970	R&R Diving	137 Galena , Valdez, AK 99686	Richard L. Wade	(907) 835-4375	835-5465	06/01/95
DTCG89-95-A-68F971	Marine Solution Services	3102 Lois Dr, Anchorage, AK 99517	Tom Horton	(907) 344-7000	344-7557	06/01/95
DTCG89-95-A-68F972	Pacific Environmental	6000 A St, Anchorage, AK 99518	Bob Fitzpatrick	(907) 562-5420	562-5426	06/01/95
DTCG89-95-A-68F973	TCI	310 Jarvis St, Sitka, AK 99835	Tony Delmoral	(907) 747-8013	747-8485	08/09/95
DTCG89-98-A-68F919	Security Aviation	3600 W. Intl Airport Rd, Anchorage, AK 99502	R. Michael O'Neill	(907) 248-2677	248-6911	03/02/98
DTCG89-98-A-68F920	Alaska Diving Services	4845 N. Tongass Highway, Ketchikan, AK 99901	Del Hansen	(907) 225-3667	225-5667	03/02/98
DTCG89-98-A-68F921	Alaska Commercial Divers	5160 Shoreline Dr, Ketchikan, AK 99901	G. & K. Updike	(907) 247-0771	225-8676	03/02/98
DTCG89-98-A-68F922	Emergency Response Strike	376 S. Valencia Ave, Brea, CA 92621	K. Tim Perkins	(714) 577-2567	577-2118	02/18/98
DTCG89-98-A-68F923	SOS Emergency Response Team	P.O. Box 194, Seldovia, AK 99663	Karl Pulliam	(907) 234-7400	234-7699	03/16/98
DTCG89-98-A-68F924	Foss Environmental	7400 W. Marginal Way South Seattle, WA 98108	Stephanie Barton	(510) 749-4125	749-1391	03/16/98
DTCG89-98-A-68F925	Cook Inlet RCAC	910 Highland Ave, Kenai, AK 99611	Dr. B. MacLean	(907) 283-7222	283-6102	03/26/98
DTCG89-98-A-68F953	SEAPRO (CO-OP)	540 Water St, Ketchikan, AK 99901	David Owings	(907) 225-7002	247-1117	06/07/99
DTCG89-98-A-68F954	Alaska Chadux Corp.	721 W 1 st Ave, Anchorage, AK 99501	R. E. Heavilin	(907) 278-3365	278-3330	08/18/99
USCG 17 TH DISTRICT: ALASKA			CONTRACTING OFFICERS			
D17 DRAT/MEP:	(907) 463-2247	FAX 463-2340	Mr. Michael Leonard	(510) 437-5942	FAX (510) 437-3014	
MSO ANCHORAGE PO:	(907) 271-6724	FAX 271-6751	Ms. Isabel Burge	(510) 437-5915	FAX (510) 437-3014	
MSO JUNEAU PO:	(907) 463-2464	FAX 463-2445	Ms. Janet Weaver	(510) 437-3010	FAX (510) 437-3014	
MSO VALDEZ PO:	(907) 835-7215	FAX 835-7207	Ms. Patricia A. Walker	(510) 437-3684	FAX (510) 437-3014	

USCG MSO Anchorage has established procedures and points of contact for accessing the services of these contractors. Only authorized personnel may direct the activities of these response contractors.

TERM CONTRACTORS:

ADEC maintains Term Contracts with several companies and consulting firms for providing needed expertise and assistance during responses to oils spills and hazardous substance releases. These contracts can be activated by the issuance of a Notice To Proceed by the ADEC Contract Manager or the SOSC. Refer to the **Unified Plan, Annex E, Appendix III, Tab X** for a listing of the companies holding a Term Contract.

D. not used

E. EMERGENCY SERVICES/MANAGERS

Emergency phone numbers for police, fire, and medical for each town and village in the subarea are listed together in the **Response Section** and individually by village at the beginning of this section in ***Part One – Community Profiles***.

Statewide listing of emergency managers is available in the **Unified Plan, Annex E, Appendix III, Tab T**.

Alaska State Troopers

Fairbanks:	907-451-5100 or 800-811-0911
Kotzebue:	907-442-3911 or 800-789-3222
Nome:	907-443-2835 or 800-443-2835

F. FISHING FLEETS and ORGANIZATIONS

There are no formally organized fishing fleets/organizations in the subarea. Subsistence hunting, fishing and whaling are characteristic of this region, and contact with each coastal village may provide local information regarding offshore weather, currents, and topographic conditions. A statewide listing of marine pilots associations is available in the **Unified Plan, Annex E, Appendix III, Tab F**.

G. GOVERNMENT CONTACTS & INFORMATION

Federal:

All pertinent emergency response contact information for U.S. government offices is provided at the beginning of this plan in the **Response Section**.

For questions concerning this plan and federal involvement, contact the following:

EPA, Alaska Area Planner	907-271-3414
USCG MSO, Planning Officer	907-271-6700

State:

All pertinent emergency response contact information for State of Alaska government offices is provided at the beginning of this plan in the **Response Section**.

For questions concerning this plan and state involvement, contact the following:

ADEC, Prevention & Emergency Response Program	907-269-7682/7683
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Local:

Local government information can be found by consulting **Part One - Community Profiles** of this section. Information on Native organizations and Tribal governments can be found in these community profiles as well as in this part at N. Native Organizations and Federally-Recognized Tribes.

H. HOSPITALS

In the Northwest Arctic subarea, only the towns of Kotzebue and Nome have hospital facilities. Most of the villages offer medical care through a clinic. Check individual villages in ***Part One - Community Profiles*** to see what is available.

Kotzebue:

Maniilaq Health Center (PHS)
436 5th Avenue, Kotzebue, AK 99752
Hospital is a qualified Acute Care facility.

907-442-3321, *Acute Care* 442-7304

Nome:

Norton Sound Regional Hospital
5th & Bering Street, Nome, AK 99762

907-443-3311, *EMS* 443-3306

I. INTAKE WATER-USE FACILITIES

Refer to the **Sensitive Areas Section** of this plan for specific water intake and use facilities.

J. not used

K. not used

L. LABORATORIES

Refer to the **Unified Plan, Annex E, Tab K** for a statewide listing of laboratories.

M. MEDIA

Wire Services

<u>Address</u>	<u>Phone</u>	<u>FAX</u>
Associated Press 750 W 2nd Ave, Suite 102, Anchorage, AK 99501	272-7549	274-2189
Associated Press 120 4th St, Room 203 (Capitol Building), Juneau, AK 99801	586-1515	463-3949
Reuters 1001 Northway Drive, Anchorage, AK 99508	349-8584	258-7911

Newspapers

Anchorage Daily News Box 149001, Anchorage, AK 99514	257-4200 http://www.adn.com/	258-2157
Fairbanks Daily News Miner P.O. Box 710, Fairbanks, AK 99707	456-6661	452-5054
Nome Nugget P.O. Box 610' Nome, AK 99762	443-5235	
The Bering Strait Record 240 East Front Street, Nome, AK 99762	443-5600	443-6397
Tundra Times 639 I Street, Anchorage, AK 99501	274-2512	

Television

<u>Address</u>	<u>Phone</u>	<u>FAX</u>
KAKM-TV (Channel 7) 3877 University Dr, Anchorage, AK 99508	563-7070 http://www.kakm.org	273-9192
KIMO-TV (Channel 13) 2700 East Tudor Rd, Anchorage, AK 99507	561-1313	561-1377
KTBY/FOX (Channel 4) 1840 S Bragaw, Anchorage, AK 99508	274-0404	264-5180
KTUU-TV (Channel 2) 701 E Tudor Ave, Anchorage, AK 99503	762-9202 http://www.ktuu.com	561-0882
KTVA-TV (Channel 11) 1007 W 32 Ave, Anchorage, AK 99503	562-3456 http://www.ktva.com	562-0953
KTVF-TV (Channel 11) 3528 International St., Fairbanks, AK 99707	452-5121	452-5120
KUAC-TV Univ. of Alaska, Fairbanks, AK 99775-1420	474-7491 http://www.kuac.org/	

Radio

KOTZ PO Box 78, Kotzebue, AK 99752	442-3434	442-2292
KICY AM & FM PO Box 820, Nome, AK 99762	443-2213/5429	443-2344
KNOM PO Box 988, Nome, AK 99762	443-2777/5221	443-5757
KYUK Univ. of Alaska, Fairbanks, AK 99775-1420	474-7491	474-5064
KSKA 3877 University Dr., Anchorage, AK 99508	561-1161/news273-9440 http://www.kska.org	273-9435

N. NATIVE ORGANIZATIONS AND FEDERALLY-RECOGNIZED TRIBES

Also Refer to *Part One - Community Profiles* of this Section.

REGIONAL NATIVE CORPORATIONS:

Bering Straits Native Corporation, P.O. Box 1008, Nome, AK 99762
907-443-5252, Fax 443-2985, Web: <http://www.beringstraits.com/>

NANA Regional Corporation, 1001 East Benson Blvd., Anchorage, AK 99508
907-265-4100, Fax 265-4311, Web: <http://www.nana-online.com/intro.htm>

VILLAGE CORPORATIONS:

Sitnasauk Native Corporation
179 Front street
Nome, AK
443-2632 Fx 443-3063

The Department of Community and Economic Development located in Anchorage (563-1073) maintains a complete listing of villages and village corporations associated with the Municipal Lands Trustee (MLT) Program . Refer to the **Unified Plan, Annex E, Tab I** for a listing of Native Corporations.

FEDERALLY-RECOGNIZED NATIVE TRIBES

The following are the Federally-Recognized Native Tribes of Alaska in the Northwest Arctic subarea (Source: EPA website). Visit the following website for a Statewide listing of Federally-Recognized Native Tribes in Alaska: <http://www.akrrt.org/links.html>

Federally-Recognized Native Tribes in the Northwest Arctic Subarea			
Tribe	Address	Phone	Fax
Native Village of Ambler	POBox 47, Ambler AK 99786	445-2181	445-2174
Native Village of Brevig Mission	POBox 63, Brevig Mission, 99785	642-4301	642-2099
Native Village of Buckland	POBox 63, Buckland, AK 99727	494-2171	494-2217
Native Village of Deering	POBox 89, Deering, AK 99736	363-2138	363-2195
Native Village of Diomede	POBox 7079, Diomede, AK 99762	686-2175	6867-2203
Native Village of Elim	POBox 70, Elim, AK 99739	890-3737	890-3738
Native Village of Gambell	POBox 90, Gambell, AK 99742	985-5346	985-5014
Eskimo Community of Chinik	POBox 20, Golovin, AK 99762	779-2214	779-2829
Native Village of Kiana	POBox 69, Kiana, AK 99749	475-2109	475-2180
Native Village of Kivalina	POBox 78, Kivalina, AK 99750	645-2153	645-2193
Native Village of Kobuk	POBox 39, Kobuk, AK 99751	948-2203	948-2123
Native Village of Kotzebue	POBox 296, Kotzebue, AK 99752	442-3467	442-2162
Native Village of Koyuk	POBox 30, Koyuk, AK 99753	963-3651	963-2353
Native Village of Noatak	POBox 89, Noatak, AK 99761	485-2173	485-2137
Solomon	POBox 243, Nome, AK 99762	443-2844	443-5098
Nome Eskimo Community	POBox 1090, Nome, AK 99762	443-2246	443-3539
King Island Native Community	POBox 992, Nome, AK 99762	443-5494	443-3620
Native Village of Council	POBox 2050, Nome, AK 99762	443-7649	443-5965
Noorvik Native Community	POBox 209, Noorvik, AK 99763	636-2144	636-2202
Native Village of Savoonga	POBox 120, Savoonga, AK 99769	984-6414	984-6027
Native Village of Selawik	POBox 59, Selawik, AK 99770	484-2165	484-2226
Native Village of Shaktoolik	POBox 100, Shaktoolik, AK 99771	955-3701	955-3151
Native Village of Shishmaref	POBox 110, Shishmaref, AK 99772	649-3751	649-3731
Native Village of Shungnak	POBox 23, Shungnak, AK 99773	473-2170	473-2146
Native Village of St. Michael	POBox 58, St. Michael, AK 99659	923-3222	923-2284
Stebbins Community Association	POBox 2 Stebbins, AK 99671	934-3561	934-3242
Native Village of Mary's Igloo	POBox 629, Teller, AK 99778	642-3731	642-2189
Native Village of Teller	POBox 629, Teller, AK 99778	642-3381	642-2072
Native Village of Unalakleet	POBox 270, Unalakleet, AK 99684	624-3622	624-3402
Native Village of Wales	POBox 549, Wales, AK 99783	664-3062	664-3062
Native Village of White Mountain	POBox 82, White Mountain, 99784	638-3651	638-3652

O. ORGANIZATIONS: ENVIRONMENTAL, HEALTH, VOLUNTEER

Environmental:

There are no regional or local offices for environmental organizations in the Northwest Arctic Subarea. Refer to the **Unified Plan, Annex E, Appendix III, Tab M** for a statewide listing.

Health:

Maniilaq Association	442-3311, Fax 442-2381
P.O. Box 256, Kotzebue, AK 99752	

Norton Sound Health Corp.	443-3311, Fax 443-3139
P.O. Box 966, Nome, AK 99762	

Volunteer:

There are no regional or local offices for volunteer organizations in the Northwest Arctic Subarea. Refer to the **Unified Plan, Annex E, Appendix III, Tab R** for a statewide listing.

P. PORT AUTHORITIES, HARBOR MASTERS, and MARINE PILOTS

Port Authorities & Harbor Masters:

Port of Nome/Harbor Master	443-6619
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There are no other port authorities or harbor masters in the Northwest Arctic Subarea.

Marine Pilot Associations:

There are no marine pilot associations in the subarea. A statewide listing of marine pilots associations is available in the **Unified Plan, Annex E, Appendix III, Tab F**.

Q. not used

R. RESPONSE AGREEMENTS

State & Local:

LOCAL RESPONSE EQUIPMENT CACHES: ADEC has identified over twenty-five strategic locations throughout Alaska for the pre-placement of response equipment caches and has worked with local communities to position them.

COMMUNITY SPILL RESPONSE AGREEMENTS: ADEC has entered into over twenty-five Community Spill Response Agreements (CSRA) with boroughs and municipalities across Alaska. The CSRA allow ADEC to reimburse local governments for spill response activities undertaken at the request of the SOSC. (ADEC can activate a “generic” agreement in emergency response situations to allow for the reimbursement of communities that lack a signed CSRA.) In the Northwest Arctic Subarea, ADEC has signed an agreement with the City of Nome.

HAZARDOUS MATERIALS RESPONSE: Since few communities have the financial or personnel resources to maintain a Level A/Level B hazardous materials response team, ADEC has entered into agreements with the Anchorage Fire Department and the Fairbanks North Star Borough to have their hazmat teams respond to incidents outside of their jurisdiction when practicable. Further information on these agreement can be found in the Hazmat Section of this plan.

State & Federal:

State and federal agencies have signed agreements supporting the cooperative efforts they will take with each other during an emergency response to an oil spill or hazmat release. These agreements can establish jurisdictional boundaries, outline responsibilities, clarify roles, and/or specify conditions of support. Copies of these Memorandums of Understanding and Memorandums of Agreement can be found in the **Unified Plan, Annex K**.

S. SALVAGE & TOWING COMPANIES

Salvage & Diving:

Arctic Diving & Exploration, Nome 443-3663 *offers certified divers/inspectors & light salvage*

There are no large-scale salvage companies for the Northwest Arctic Subarea. Unalaska/Dutch Harbor would offer the closest option with the following companies available.

Padilla Tug Company, Inc. 581-2318 581-2055 (Fax)
(Dutch Harbor)

Magone Marine Services 581-1400
(Dutch Harbor)

Towing:

There are no marine towing companies available in the Northwest Arctic Subarea. Unalaska/Dutch Harbor would offer the closest option with the following companies available.

Padilla Tug Company, Inc. 581-2318 581-2055 (Fax)
(Dutch Harbor)

Magone Marine Services 581-1400
(Dutch Harbor)

Major tug and barge companies do service the area during ice-free periods to deliver fuel and resupply the communities and may be available on a contingency basis to provide emergency support. Contact the following for possible assistance:

Crowley Marine Services, Nome 443-5162/2484

T. TRUSTEES: NATURAL RESOURCE

The following provides 24-hour emergency contact information for natural resource trustees.

TRUSTEE EMERGENCY CONTACTS*			
TRUSTEE	EMERGENCY CONTACT	CONTACT INFORMATION	FAX NUMBER
US Dept. of Agriculture	1. Jim Caplan	Wk: 907-586-5870 Hm: 364-2684 Email: jcaplan@fs.fed.us	907-586-7840
	2. Betsy Walatka	Wk: 907-586-8723 Hm: 586-1832 Cell phone: 907-723-9408 Email: ewalatka@fs.fed.us	907-586-7555
	3. Kathleen Adam	Wk: 907-586-8835 Hm: 790-3153 Email: kadam@fs.fed.us	907-586-7555
US Dept. of the Interior	1. Pamela Bergmann	Wk: 907-271-5011 Hm: 357-0488; 333-0489 Cell phone: 907-227-3783 Email: pamela_bergmann@ios.doi.gov	907-271-4102
	2. Doug Mutter	Wk: 907-271-5011 Hm: 345-7726 Cell phone: 907-227-3781 Email: douglas_mutter@ios.doi.gov	907-271-4102
	3. Chip Demarest	Wk: 415-427-1477/79 Hm: 415-647-4479 Cell phone: 415-987-5772 Email: chip_demarest@ios.doi.gov	415-744-4121
US Dept. of Commerce	1. Doug Helton	Wk: 206-526-6604; 526-4563 Hm: 548-0263 Pager: 1-800-759-7243, Pin# 862-5708 Email: doug.helton@noaa.gov	202-526-6665
	2. Brad Smith	Wk: 907-271-5006 Hm: 248-4211 Email: brad.smith@noaa.gov	907-271-3030
	3. Rob Wolotira	Wk: 206-526-4360 Hm: 206-365-5389 Pager: 1-800-759-7243, Pin# 862-5704 Email: robert.wolotira@noaa.gov	202-526-6665
US Dept. of Defense	Alaskan Command	Wk: 907-552-3000 Hm: N/A Email: james.spell@elmendorf.af.mil	907-552-5102
	Elmendorf Air Force Base	Wk: 907-552-3000 Hm: N/A Email: joseph.williamson@elmendorf.af.mil	907-552-5102
	Eielson Air Force Base	Wk: 907-377-1500 Hm: N/A Email: paul.schantz@eielson.af.mil	907-377-1513
	King Salmon, Galena, & Long Range Radar Stations	Wk: 907-552-3000 Hm: N/A Email: kent.nonaka@elmendorf.af.mil	907-552-5102
	US Army (Ft Wainwright, Ft Greely, Ft Richardson)	Wk: 907-384-6666 Hm: N/A Email: douglas.johnson@richardson.army.mil	907-384-2002

* 1. = Primary Contact; 2. = 1st Alternate Contact; 3. = 2nd Alternate Contact

TRUSTEE	EMERGENCY CONTACT	CONTACT INFORMATION	FAX NUMBER
Alaska Dept. of Environmental Consv.	1. Leslie Pearson Central Area Response Team	Wk: 907-269-7543 Hm: 653-1993 Email: leslie_pearson@envircon.state.ak.us	907-269-7648
	1. Ed Meggert Northern Area Response Team	Wk: 907-451-2124 Hm: 456-6196 Email: ed_meggert@envircon.state.ak.us	907-451-2362
	1. Bob Mattson Southeast Area Response Team	Wk: 907-465-5357 Hm: 789-5734 Email: bob_mattson@envircon.state.ak.us	907-465-2237
Alaska Dept. of Fish and Game	1. Mark Fink	Wk: 907-267-2338 Hm: 337-7933 Email: mark_fink@fishgame.state.ak.us	907-267-2464
	2. Jack Winters	Wk: 907-459-7285 Hm: 479-2320 Email: jack_winters@fishgame.state.ak.us	907-456-3091
	3. Ben Kirkpatrick	Wk: 907-465-4288 Hm: 780-6463 Email: ben_kirkpatrick@fishgame.state.ak.us	907-465-4272
Alaska Dept. of Natural Resources	1. Sam Means	Wk: 907-269-8548 Hm: 333-7229 Email: sam_means@dnr.state.ak.us	907-269-8913
	2. Deborah Heebner	Wk: 907-269-8557 Hm: 562-3212 Email: deborah_heelner@dnr.state.ak.us	907-269-8913
Alaska Dept. of Law	1. Alex Swiderski	Wk: 907-269-5274 Hm: 248-6725 Email: alex_swiderski@law.state.ak.us	907-278-7022
	2. Craig Tillery	Wk: 907-269-5274 Hm: 248-3494 Email: craig_tillery@law.state.ak.us	907-278-7022
	3. Breck Tostevin	Wk: 907-269-5274/79 Hm: 248-4062 Email: breck_tostevin@law.state.ak.us	907-278-7022
Alaska Inter-Tribal Council	1. Deborah Vo	Wk: 907-563-9334 Hm: 333-9801 Email: dvo@aitc.org	907-563-9337
	2. Roland Shanks	Wk: 907-563-9334 Hm: 349-0765 Email: rshanks@aitc.org	907-563-9337

* 1. = Primary Contact; 2. = 1st Alternate Contact; 3. = 2nd Alternate Contact

U. *not used*

V. VEHICLES

Also refer to *Part One: Community Profiles* for additional information that may be available for a specific town or village, including the possibility of local heavy equipment availability.

Company	Contact	Phone Number	Location	Equipment Capabilities
AK National Guard				
The Cab Company		442-3555	Kotzebue	
Bering Straits Native Corporation		443-5252	Nome	Trucks
Bonanza Car Rentals		443-2561	Nome	Cars
Budget Car and Truck Rentals		443-2000	Nome	Cars and Trucks
Q Trucking Co.		443-2388/2315 Fx443-3615	Nome	Trucks
Stampede Car Rentals		443-5598	Nome	Cars
				Heavy Equipment & Ground Transportation

Note: No road connects the Northwest Arctic Subarea with the rest of the state, and only a few towns or villages are connected to each other by any roads. Overland travel is more common in the winter when frozen trails allow the use of snowmachines and four-wheelers.

W. WEATHER SERVICE

The **National Weather Service** (NWS), which is part of the National Oceanic and Atmospheric Administration, can provide current and forecast weather for the marine environment as well as the normal inland/coastal zones. In addition, ice reports and forecasts are available upon request.

General Forecasting	266-5105/5107
Ice Forecast	266-5113
Transcribed Aviation Weather	276-8199

Weather Service Regional Offices:

Kotzebue	442-3231
Nome	443-2321
Unalakleet	624-3561

The NWS provides a full service of forecast information, maps and satellite imagery at their website:

<http://www.alaska.net/~nwsar/>

Commercial AM and FM Radio Stations that Broadcast NWS Forecasts and Warnings

<u>Location</u>	<u>Station</u>	<u>Frequency (KHz)</u>
Kotzebue	KOTZ	720 AM
Nome	KICY	850 AM
Nome	KNOM	780 AM

The Federal Aviation Administration (FAA) maintains a website that offers real-time camera views of the weather activity at selected sites around the state:

<http://akweathercams.faa.gov/>

WWW.USEFUL WEBSITES

Alaska Regional Response Team	http://www.akrrt.org/
ARRT – Unified and Subarea Plans	http://www.akrrt.org/plans.html
Alaska State home website	http://www.state.ak.us/
ADCED – Community Database	http://www.dced.state.ak.us/mra/CF_COMDB.htm
ADEC	http://www.state.ak.us/dec/home.htm
ADEC – PERP (spill updates)	http://www.state.ak.us/dec/dspar/perp/
ADF&G	http://www.state.ak.us/adfg/adfghome.htm
ADMVA – DES	http://www.ak-prepared.com/
ADNR	http://www.dnr.state.ak.us/
ADNR – SHPO	http://www.dnr.state.ak.us/parks/oha_web/shpo.htm
Alaska State Geo-spatial Data Clearinghouse	http://www.asgdc.state.ak.us/
ASGDC – Subarea Plan MAPS	http://www.asgdc.state.ak.us/maps/cplans/subareas.html
Alaska Resource Library	http://www.arlis.org/
Alaska State Library	http://www.library.state.ak.us/
Emergency Response Services	http://www.linkupalaska.com/ers/
EPA- Region 10	http://www.epa.gov/r10earth/
National Response Center	http://www.nrc.uscg.mil/index.htm
NMFS Alaska Region	http://www.fakr.noaa.gov
Essential Fish Habitat, Info & Maps	www.fakr.noaa.gov/habitat/efh.htm
Marine Mammal Info	www.fakr.noaa.gov/protectedresources/default.htm
NOAA	http://www.noaa.gov/
NOAA Hazmat	http://response.restoration.noaa.gov
SERC & LEPCs	http://www.ak-prepared.com/serc/
State Regulations – Title 18 AAC Index	http://www.state.ak.us/dec/title18/18aacdnl.htm

US DOT – Hazmat Safety	http://hazmat.dot.gov/
USCG – MSO Anchorage	http://www.uscg.mil/d17/msoank/msoank.htm
USCG – Marine Safety	http://www.uscg.mil/hq/g-m/gmhome.htm
USCG Certificate of Financial Responsibility	http://www.cofr.npfc.gov/
USCG Port State Information Exchange (PSIX)	http://psix.uscg.mil/Default.asp
USCG Vessel Response Plans (VRP) & Shipboard Oil Pollution Emergency Plans (SOPEP)	http://www.uscg.mil/vrp/
US Code	http://uscode.house.gov/usc.htm
US Code of Federal Regulations	http://www.access.gpo.gov/nara/cfr/index.html

RESOURCES: PART FOUR – LOGISTICS

The Community Profiles in Part One provides information on possible logistical support facilities and services in each of the communities within the Northwest Arctic Subarea. Generally, support facilities and services will be limited in nearly all locations. The employment of these limited resources will be affected by the season of the year. For instance, the short open-water periods for various areas along the Bering Sea place an additional demand on tactics and planning for responding to an on-water oil spill in this region.

Communities in the Northwest Arctic Subarea are inaccessible by road from the major population centers of the state, and only a few communities within this region are linked by any type of road. This condition does not allow for the rapid transport and staging of equipment and personnel resources to most areas. Resources secured from locations outside the Northwest Arctic Subarea can be expected to arrive initially by air or sea and then transferred to the staging locations by the most appropriate means available.

A. EQUIPMENT CONSIDERATIONS

1. Staging Areas: Any significant response effort will require large areas for equipment delivery, inventory, repair, and temporary storage. There are no deep water port facilities in the Northwest Arctic Subarea. Staging locations are limited to existing docking facilities, and these are very dependent on the presence of the ice pack. Consult the Community Profiles in Part One to check for specific sites that may be available in a community. Local airports may also be potential staging areas; consult/ coordinate with airport manager prior to establishing a staging area at the airport facility.

2. Air Service and Landing Sites: Refer to the appropriate Community Profile in Part One for basic landing site specifics. Also, consult with FAA Flight Service in Fairbanks (907-474-8395). Specific information regarding airport facilities and services is contained in the *Alaska Supplement, Flight Information Publication* (FLIP). Consult the current FLIP document to ascertain the availability of services and suitability of the runway to the type of aircraft.

Part Three, subpart A, of this section (above) contains information on airports within the region as well as aircraft charter services operating in the region. The **Unified Plan, Annex E** provides a listing of C-130 capable airfields throughout the State of Alaska, including those in the Northwest Arctic Subarea.

Alaska Airlines provides year-round scheduled jet service into the region to Kotzebue and Nome, and Pen Air flies six days a week to Unalakleet. The Cominco/Red Dog Mine operates a controlled 5,000' runway that handles charter jets and smaller aircraft. All other communities are serviced by small commuter or charter airlines. At all times of the year, but most predominantly in the winter, high winds and poor visibility often ground aircraft.

3. Fueling Sites: Fuel (automotive, marine and aircraft) is available in several communities from the usual sources. In the smaller communities, fuel may be limited in quantity or not available; this is especially so with aviation fuel. Therefore, response in the smaller communities and in remote areas will require a fuel dispensing barge or portable device (bladder, fuel trailer) on-scene to replenish vessels, equipment, and aircraft. Refer to the appropriate community in **Part One – Community**

Profiles for the availability of aviation fuel at airports. In order to assure maximum flight times and loads, remote fueling depots may be required and may be established at float plane landing areas and beaches with state and resource trustees approval. Charter air services operating within the region can provide valuable information relative to this requirement. For helicopters, deck barges can be outfitted for refueling.

4. Maintenance Facilities: Extensive maintenance and repair facilities do not exist in the Northwest Arctic Subarea. Extended operations not in the immediate vicinity of maintenance facilities will require that self-contained facilities be brought on-scene. The responsible party will need to provide such facilities aboard barges or other means.

5. Portable Restrooms: Restroom facilities for remote or extended beach operations must be provided since most locations within the region are undeveloped. Portable toilets may be located on barges for use by boat crews working on the response. Portable restrooms are not readily available in the region and may have to be brought in from Fairbanks or Anchorage. While in service, the units would need to be offloaded into a pump truck mounted on a barge, pumped into a sewage barge, or airlifted by helicopter to a receiving site. Coast Guard approved marine sanitation devices aboard vessels or designated sewage barges are other options that may be used in remote sites. Land-based outhouses will require permits from the state and the land managing agency or private owner.

6. Boat Ramps/Harbors: Few communities have anything in the way of a harbor due to a coastline that can be too shallow or too rugged. Boat ramps are found in some of the more developed communities in the region. Contact the village coordinator for specific information and capabilities. The Cominco/Red Dog Mine operates a large barge facility at its DeLong Mountain Terminal.

B. PERSONNEL CONSIDERATIONS

1. Lodging: Limited commercial lodging facilities are available in the major communities in the region. During the summer tourist season, most facilities are booked at capacity and availability will be limited. Aside from the few major communities in the region, most communities have very limited lodging facilities or no facilities at all. Some possible alternatives to traditional lodging may be the use of RVs, mobile homes, portable work camps/shelters, National Guard Armories, school gyms, etc. On-water berthing facilities for response personnel may be required. Chartered passenger vessels, constructed "hotel" barges, or US Navy vessels could possibly fill the void in available berthing. All "berthing" type vessels must meet current Coast Guard licensing requirements. **Part One – Community Profiles** provides information on lodging facilities for each local community.

2. Transportation: The Northwest Arctic Subarea's limited road, water, and air transportation capability severely limits the ability to transport significant quantities of equipment and personnel to and from cities in the region. After transport to existing airports, equipment may need to be transferred to vessels for on-scene deployment. Small charter aircraft, both fixed wing and helicopters, will be the main method of rapidly transporting responders to the scene. If weather prevents flying or if a large number of personnel are involved, then in-region passenger vessels will be used. Workers brought in from outside the region will most likely arrive on scheduled Alaska Airlines flights to Nome or Kotzebue or via chartered aircraft. These workers can then be shuttled to the scene by a combination of aircraft and/or vessels.

Response equipment can be dispatched to the scene by a combination of USCG and private charter aircraft and vessel transport. A limited number of fishing and whaling vessels operate in the region and these vessels are affected by pack ice conditions.

3. Food: A major response effort in the region will require significant quantities of food and the associated equipment necessary for properly handling, storing, preparing and disposal. These tasks would require contract support from the local area as long as the requirements did not exceed local capability, which is entirely likely in most areas. Out-of-region support can be provided in air transportable "packages." Food and other basic supplies will be purchased from stores most immediate to the incident when possible. Larger responses will require purchases from vendors throughout the region. High-speed vessel transport or small aircraft can deliver food to on-scene personnel.

4. Clothing: Alaska's environmental conditions dictate that response personnel be equipped to operate in the harsh arctic/subarctic environment. Personnel must arrive on-scene with adequate clothing to begin working immediately. This includes a complete set of heavy-duty rain gear, steel-toed rubber boots, gloves, hard-hat liner, and warm (preferably no cotton) under garments. Depending on the season, winter outerwear will also be required. Employers will be responsible for resupplying their employees with necessary clothing.

5. Training and Safety Equipment: All responders must report with the minimum required OSHA and State hazardous response training and all required personal protective equipment (PPE). This equipment includes hard hat, safety goggles, hearing protection, gloves, personal flotation device, respirator with cartridges, steel-toed boots. It will be the responsibility of the employer to provide and document the required training and to fully outfit and resupply their personnel with the necessary safety equipment.

Availability of PPE will be confirmed by the Site Safety Officer. See the **Unified Plan, Annex H** for guidance on determining training and safety equipment requirements.

C. COMMUNICATIONS

Good, dependable communications between the command post and field operations are essential for an efficient spill response. For minor, short duration responses, a minimum of direct point-to-point communications will be needed and can normally be provided with two or more VHF portable radios or, possibly, with telephones.

For large, extended responses covering a wide area, an incident command post (with adequate communications) should be set up as close to the incident as possible. The command post will require telephones, facsimile machines, and VHF radio base stations along with additional portable radios. Satellite communications and cellular phones (where applicable) may be added as required.

During prolonged spills, VHF repeaters, multi-frequency scanners, and continuous tape recorders may need to be installed. Portable repeaters can increase the communication range several fold depending upon where the repeaters are placed. ADEC has several portable repeaters available for response operations. Consult **Table 1** for frequencies covered.

All responses will require either a simple communication schedule identifying when reports are to be transmitted and when field crews are to report, or a full-scale communications management plan that includes the assignment of frequencies, channels, and call signs for various operations.

Adequate communications equipment, along with a well thought-out communications plan, is imperative to a coordinated response. For responses involving numerous vessels or operations distant from the command post, the communications center will have to be placed as close to the response location as feasible. The comms center will require telephones, facsimile machines, single side-band radio, and VHF-FM base station with additional portable radios. The distances involved may necessitate the installation of VHF repeater stations to allow communications at greater distances.

*Note: Contingency planners must seriously address their communications requirements in the event of a spill. Failure to properly command and control response resources will prove devastating to the response. The **Unified Plan, Annex E** contains information on state and federal communication assets.*

1. Radios: Marine communications at the command post and aboard vessels will generally require 25-watt VHF marine radios with high gain antennas. Vessels usually monitor channel 16 and switch to other working frequencies. When aircraft are used in conjunction with on-water activities such as directing vessel movements, VHF marine frequency radios will be required for use by the aircraft. Due to aircraft noise, these radios should be equipped with headsets and boom mikes. Communications with aircraft from the command post will require standard VHF frequency capability.

The ADEC maintains three communications flyaway kits statewide (one each in Fairbanks, Anchorage, and Juneau) to support on-scene operations. Each kit consists of a VHF/FM base station radio with two 12-volt batteries and supporting hardware (the radio can also operate on commercial power). In addition to the flyaway kits, ADEC has portable "suitcase" repeater systems which will provide extended range for on-scene communications. Two UHF suitcase repeater systems are also available along with 48 compatible handheld transceivers. Four 100-watt portable generators can be deployed to provide power for communications equipment.

In large spills where the responsible party is unknown or is not responsive, the contracted response organization will be required to provide the necessary communications "package". The State of Alaska also has a mobile emergency communications system (available through the Department of Military and Veterans Affairs, Division of Emergency Services) that could be deployed during an emergency declared by the governor. In the initial stages of a response, this system might be available to the Unified Command but only until a separate communications system could be established. The state's system is intended for use by state agencies in emergency situations and not as a joint-use system for other response agencies/organizations.

2. Telephones: Telephone support will have to be coordinated through the local telephone utility. The requirements for telephone support may overload the capability of some of the remote locations resulting in delays in acquiring a suitable number of lines. Long distance service may also be severely limited during initial operations.

Telephones and facsimile machines should be used to reduce radio traffic congestion. Direct "hot lines" to key officials may be required if normal landlines are continuously tied up. Long distance

service is provided by ALASCOM or GCI. A major response may surpass the local telephone system's capability to handle a large volume of long distance calls. This is especially true for a command post located in a small village. Smaller communities would require the addition of new trunk lines for anything greater than a 50% increase in volume (several days delay).

3. Telefax: Dedicate at least two fax machines to the command post. Fax machines possibly may be purchased or rented on the local economy in the larger towns within the state. For remote responses, plan to deploy to the spill location with adequate fax capability since availability will be limited in the Bush. Use one machine for incoming and one for outgoing traffic. Establish procedures very early in the response for sending, receiving, and distributing fax's. Publish the fax number's within the Command Post so that these numbers can be provided to agencies and organizations outside the command structure.

4. Portable Telephones: This category includes cellular and satellite communications.

a. Cellular Phones: Presently, cellular telephone coverage is limited. Other cellular phones with "roam" capability will also work at certain locations. General information and area of coverage are provided in the following:

Company	Telephone Number	Areas of Coverage
Telecommunications Cellular	563-1931 (Anchorage) 563-3989 (Anchorage)	
Cellulink	344-1223 (Anchorage)	

b. Satellite Phone Systems: The USCG's Pacific Strike Team has an International Maritime Satellite Organization (INMARSAT) Telesystem capable of transmitting and receiving calls from anywhere in the world. The system can send and receive faxes also. The State of Alaska (ADEC and ADMVA) also has INMARSAT telephone capability as well, and the DOD/Alaska National Guard has portable satellite communications packages which may be available. (See **Table 1** for a summary of INMARSAT assets).

5. Portable Radios: Small boat crews and beach teams will generally use portable VHF radios with 1 to 5 watts power. Most of these radios have 55 channels. Backup batteries, chargers, and extra radios will be needed for extended responses. The responsible party and response contractor will be responsible for ensuring portable radios are available in sufficient numbers.

Response teams will need portable radios with backup batteries and chargers. The responsible party/response contractor must provide adequate radios for their personnel. ADEC has a number of portable VHF radios available for use throughout the state. MSO Anchorage has twelve handheld marine VHF radios, MSD Kenai has five, and MSD Kodiak has two. The USCG government vehicles (2) at MSO Anchorage also have VHF radios installed. (See **Table 1** for a summary of portable radio assets). The National Park Service and the Cominco/Red Dog Mine have VHF radios and repeaters for their areas of concern, and this equipment may be available during an emergency.

6. Portable Communications Trailers: Portable communications trailers are rare in Alaska. The major co-ops have the capability to establish portable comms centers, either in fly away kits or road

transportable units. The Department of Defense has extensive communications that could conceivably be made available in the event of a significant spill. See the **Unified Plan, Annex E, Appendix II** for specific procedures in accessing DOD equipment. There is also the aforementioned mobile emergency communications system (available through the Department of Military and Veterans Affairs, Division of Emergency Services).

7. Copiers: Dependable, high volume copiers will be required in the command center. The size of the response will dictate the number of copiers required. Having more than one copier is advisable in the event that one machine breaks down from overuse.

D. COMMAND POSTS

1. Locations: Refer to the Community Profiles in Part One for potential command post (CP) locations. Regardless of the spill volume, the USCG or EPA FOSC and the Alaska SOSC will initially operate from their normal offices. Likewise, the resource agency representatives will operate from their normal work areas until adequate space is arranged, if needed. For significant spills, a joint command post likely will be required. Spills extending over a large area may require the establishment of forward command posts as well.

The Mayor of the Northwest Arctic Borough (442-2500) will serve as the primary contact for coordinating the use of local schools in the Borough. The NWAB School District (442-3472) should also be contacted on the use of a school as a potential command post. For locations in the Northwest Arctic Subarea outside of the borough, contact the town/village government offices or school directly (see Community Profiles in Part One).

2. Procedures for Establishment: For responsible party responses, the RP/responder will be required to provide an adequate command post. For a federally-funded response, the General Services Administration and the Seventeenth Coast Guard District will locate and contract for the command post.

3. Equipment: Equipment necessary to outfit the command post depends upon the size and expected duration of the response. Generally, the requirements of the equipment will increase with the response magnitude, but the type of equipment will not change significantly. Items not provided as part of the initial command post set-up must be procured in a timely manner by the RP/responder through lease or purchase. The following list is not intended to be all inclusive but should provide an overview of the equipment required:

Telephones and phone books

Facsimile and copying machines

Desktop/Portable computers with printers and fax/modem capability, Internet and email access

Office furniture

Portable radios and marine communications base station

Cameras and video recording/playback capability

Office supplies (pens, pencils, paper, etc.)

Chart paper with easels and status boards (dry-write)

Overhead and slide projectors

Environmental Sensitivity Index maps
Copies of the Unified Plan and the Northwest Arctic Subarea Contingency Plan
Copies of the Alaska Incident Management System Guide (AIMS)

E. STORAGE/DISPOSAL

The RP will be responsible for developing a waste disposal plan to provide the necessary logistical and procedural information required to ensure fast and efficient transfer of wastes from the response operations personnel to disposal facilities in compliance with existing laws and regulations. Oversight of the waste disposal plan will normally be the responsibility of the State.

Currently, no approved hazardous waste disposal sites exist in Alaska. Municipal landfills in Alaska either no longer accept oily wastes or accept only lightly oiled soils. Approximately five permitted oily waste landfills are currently in use in Alaska. These are associated with the oil fields on the North Slope and are reserved for the exclusive use of the company operating the landfill. Consult with ADEC on the landfill status. An ADEC solid waste permit is required. ADEC Fairbanks can provide current information on the adequacy of landfills in the Northwest Arctic Subarea.

Additionally, refer to the **Unified Plan** for basic guidance on waste management and disposal procedures (see Annex E, Appendix VI).

LOGISTICS: TABLE 1 - COMMUNICATIONS ASSETS

STATE COMMUNICATIONS ASSETS					
Equipment	Quantity	Agency	Location	Contact	Phone
Satellite Phone Systems (INMARSAT)					
INMARSAT-M	1	ADEC	Fairbanks	NART Office	451-2126
INMARSAT-M	1	ADEC	Anchorage	DEC Warehouse	344-7380
INMARSAT-M	1	ADEC	Juneau	PERP Staff	465-5233
SKY CELL	1	ADEC	Juneau	Art Pilot	465-5233
IRRIDIUM PHONE	4	ADEC	(2) Anchorage (2) Fairbanks	Jim Stevenson Tom DeRuyter	344-7380 451-2145
Mitsubishi, MSAT	6	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Satellite Portable	4	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
		ADNR			
Portable VHF Base Stations (Fly-Away Transceivers)					
Fly-Away Kit	1	ADEC	Fairbanks	NART Office	451-2126
Fly-Away Kit	2	ADEC	Anchorage	CART Office	269-7542
Fly-Away Kit	2	ADEC	Juneau	PERP Office	465-5233
		ADMVA			
		ADNR			

Channel Designation	Location	Operating Frequencies		
		Transmit	PL	Receive
Alaska Department of Environmental Conservation - Portable VHF Repeaters				
Zone 1, Channel 3	ADEC Portable Repeater 1 (out of region)	154.755	141.3	159.255
Zone 1, Channel 4	ADEC Portable Repeater 2 (out of region)	154.815	141.3	159.285
Zone 1, Channel 5	ADEC Portable Repeater 3 (out of region)	154.830	141.3	159.315

LOGISTICS: TABLE 1 - COMMUNICATIONS ASSETS (continued)

STATE COMMUNICATIONS ASSETS					
Equipment	Quantity	Agency	Location	Contact	Phone
HandHeld Portable VHF Radios					
Motorola Saber III	2	ADEC	Anchorage Valdez	Harry Young John Brown	269-7542 835-4698
Motorola Saber II	67	ADEC	Statewide	Jim Stevenson	344-7380
Motorola Saber I, Programmable, 12 channels	22	ADEC	(10) DEC Whse (12) Statewide	Jim Stevenson Jim Stevenson	344-7380 344-7380
Motorola P-100 Radios, 2 channels	19	ADEC	Anchorage	DEC Warehouse	344-7380
Motorola MX-360 Radios, 6 channels	13	ADEC	(11) Anchorage (2) Kenai	DEC Warehouse Gary Folley	344-7380 262-5210
Bendix/King Radios	4	ADEC	(2) Anchorage (2) Fairbanks	DEC Warehouse Tom DeRuyter	344-7380 451-2145
Bendix/King Radios	25	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
MAXON SP2550SMX	7	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Motorola Saber III	2	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Motorola MX 360 Radios	1	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Ericson GE	6	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
		ADNR			

LOGISTICS: TABLE 1 - COMMUNICATIONS ASSETS (continued)

STATE COMMUNICATIONS ASSETS					
Equipment	Quantity	Agency	Location	Contact	Phone
Global Positioning System Units	6	ADEC	Statewide	Jim Stevenson	344-7380
Base and Hand Held Ground-Air Radios					
Hand Held Radios	10	ADEC	Statewide	Jim Stevenson	344-7380
Base Radio	1	ADEC	Valdez	John Brown	835-4698
Hand held Radios	3	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Base Radio	7	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
VHF Marine Radios					
Hand Held Radios	3	ADEC	Soldotna Anchorage	Gary Folley Jim Stevenson	262-5210 344-7380
Base Radios	2	ADEC	N/A	N/A	----
Hand Held Radios	8	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Base Radios	9	ADMVA	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Auxiliary Power Supply (primarily for comms equipment)					
Honda 1KW generators	4	ADEC	(2) Warehouse (1) Fairbanks (1) Juneau	Jim Stevenson Tom DeRuyter Les Leatherberry	344-7380 451-2145 465-5346
Honda 1KW generators	4	ADMVA DES	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Northern Lights 5KW Generator	4	ADMVA DES	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Generac, 4KW	2	ADMVA DES	Ft Richardson	Jim Butchart	428-7000 800-478-2337
Portable Fax Machines					
	3	ADEC	Anchorage	DEC Warehouse	344-7380
	2	ADMVA DES	Ft Richardson	Jim Butchart	428-7000 800-478-2337